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**GENERAL BULLETIN 625**

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**FEEDING STUFFS  
REPORT**

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**FOR THE YEAR  
1948**

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**MILES HORST  
Secretary of Agriculture**

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**Commonwealth of Pennsylvania  
Department of Agriculture  
Harrisburg**

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# Pennsylvania Department of Agriculture

MILES HORST  
*Secretary*

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# Feeding Stuffs Report

1948

## Introduction

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs. Accordingly, during the year ending December 31, 1948, 665 official samples were obtained by agents of the Bureau of Foods and Chemistry throughout the Commonwealth. Of the total number of samples collected, 657 were selected for analysis.

Each and every feeding stuff sold within this Commonwealth is required to be properly labeled, giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1948 there were 201 special samples of feeding stuffs submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only, for a fee of \$1 per sample. The results of analyses of such special samples submitted are not included in this report. The total number of official and special samples analyzed during the year 1948 was 858.

The 657 official samples analyzed were registered by 179 manufacturers and represented 20 classes and 614 brands as follows:

| Classes                                  | Samples |
|------------------------------------------|---------|
| Alfalfa Meal .....                       | 4       |
| Animal By-Products .....                 | 13      |
| Barley Feed .....                        | 1       |
| Calf Feed .....                          | 7       |
| Chop Feed .....                          | 2       |
| Dairy Concentrates .....                 | 21      |
| Dairy Feed .....                         | 129     |
| Distillery and Brewery By-Products ..... | 1       |
| Maize By-Products .....                  | 2       |
| Mash Feed .....                          | 309     |
| Mineral Feed .....                       | 2       |
| Mixing Concentrates .....                | 3       |
| Oat By-Products .....                    | 1       |
| Oil Cake By-Products .....               | 7       |
| Poultry Concentrates .....               | 4       |
| Scratch Feed .....                       | 7       |
| Small Animal Feed .....                  | 44      |
| Stock, Horse and Mule Feed .....         | 16      |
| Swine Feed .....                         | 75      |
| Wheat Offal .....                        | 9       |
| Total .....                              | 657     |

## **Brands Registered**

Each brand of feeding stuffs is required to be registered annually. Application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

|                                       |         |
|---------------------------------------|---------|
| 0 to 150 tons, each .....             | \$ 5.00 |
| Over 150 tons to 300 tons, each ..... | 10.00   |
| Over 300 tons to 500 tons, each ..... | 15.00   |
| Over 500 tons, each .....             | 25.00   |

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5.00 each, it being unnecessary to submit a tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1948 sales, 6,615 brands of feeding stuffs were registered and 1,454 licenses were issued to 1,025 manufacturers.

## **Conclusions**

Of the 657 official samples analyzed, 89 or 13.54 per cent were deficient in protein or fat and contained fiber in excess of the tolerances provided, 16 samples or 24.47 per cent were found deficient in protein, 30 or 4.57 per cent deficient in fat, and 43 or 6.54 per cent exceeded guarantees for fiber.

The consumer of a feeding stuff purchases the product under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the Director, Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSIS AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

| FEEDING STUFFS CLASSES             | SAMPLES | BRANDS | GUARAN-TEED | PROTEIN % | FAT % | FIBER % | PRICE PER TON | NO. DEFICIENT PROTEIN | FAT | EXCESS FIBER |
|------------------------------------|---------|--------|-------------|-----------|-------|---------|---------------|-----------------------|-----|--------------|
| Alfalfa Meal                       | 4       | 4      | 4           | 17.14     | 2.37  | 19.46   | 84.67         | 1                     | --- | ---          |
| Blood Meal                         | 1       | 1      | 1           | 76.56     | 0.91  | 0.94    | 127.75        | ---                   | --- | ---          |
| Fish Meal                          | 1       | 1      | 1           | 60.63     | 0.33  | 145.00  | 145.00        | ---                   | --- | ---          |
| Meat and Bone Scrap                | 10      | 10     | 10          | 48.42     | 9.24  | 1.71    | 99.85         | 1                     | 1   | ---          |
| Tankage                            | 1       | 1      | 1           | 60.38     | 5.35  | 1.33    | 98.75         | ---                   | --- | ---          |
| Barley Feed                        | 1       | 1      | 1           | 15.44     | 4.69  | 13.93   | 72.00         | ---                   | --- | ---          |
| Calf Feed                          | 7       | 7      | 7           | 20.65     | 6.20  | 6.19    | 134.37        | ---                   | --- | ---          |
| Chop Feed                          | 2       | 2      | 2           | 11.03     | 3.74  | 6.19    | 93.50         | ---                   | --- | ---          |
| Dairy Concentrate                  | 21      | 20     | 20          | 32.94     | 5.32  | 6.79    | 114.19        | 2                     | 2   | ---          |
| Dairy Feed                         | 21      | 21     | 21          | 21.51     | 4.21  | 8.47    | 92.85         | 3                     | 4   | 9            |
| Distillery and Brewery By-Products | 129     | 119    | 129         | 29.00     | 7.67  | 12.09   | 71.00         | ---                   | --- | ---          |
| Corn Gluten Feed                   | 1       | 1      | 1           | 24.81     | 3.51  | 6.35    | 88.50         | ---                   | --- | ---          |
| Hominy Feed                        | 1       | 1      | 1           | 21.63     | 6.22  | 4.43    | 100.00        | ---                   | --- | ---          |
| Mash Feed                          | 309     | 286    | 309         | 20.12     | 4.26  | 6.71    | 107.98        | 3                     | 10  | 22           |
| Mineral Feed                       | 2       | 2      | 2           | 39.21     | 17.17 | 3.04    | 260.00        | ---                   | --- | ---          |
| Mixing Concentrates                | 3       | 3      | 3           | 39.31     | 20.09 | 22.20   | 92.00         | ---                   | --- | ---          |
| Oat By-Products                    | 31      | 31     | 31          | 39.35     | 6.82  | 11.98   | 101.00        | ---                   | --- | ---          |
| Cottonseed Oil Meal                | 32      | 31     | 31          | 33.50     | 5.21  | 8.53    | 90.00         | ---                   | --- | ---          |
| Linseed Oil Meal                   | 31      | 31     | 31          | 39.63     | 6.98  | 18.87   | 105.00        | ---                   | --- | 1            |
| Peanut Oil Meal                    | 1       | 1      | 1           | 42.40     | 5.15  | 5.67    | 103.75        | ---                   | --- | ---          |
| Soybean Oil Meal                   | 1       | 1      | 1           | 32.66     | 4.51  | 7.23    | 116.05        | ---                   | --- | ---          |
| Poultry Concentrates               | 2       | 2      | 2           | 4.66      | 3.09  | 3.28    | 103.40        | ---                   | --- | ---          |
| Scratch Feed                       | 4       | 7      | 7           | 11.17     | 3.09  | 1.97    | 97.99         | 2                     | 6   | 1            |
| Small Animal Feed                  | 44      | 42     | 40          | 16.35     | 4.03  | 4.05    | 7.77          | ---                   | 1   | 10           |
| Stock, Horse and Mule Feed         | 16      | 15     | 16          | 12.24     | 4.05  | 7.18    | 100.14        | 4                     | 4   | 10           |
| Swine Feed                         | 75      | 75     | 75          | 18.58     | 4.09  | 10.75   | 85.25         | ---                   | 1   | 1            |
| Wheat Bran                         | 5       | 4      | 4           | 14.45     | 4.06  | 4.09    | 86.00         | ---                   | --- | ---          |
| Wheat middlings                    | 4       | 4      | 4           | 11.53     | 3.40  | 3.40    | 14.09         | ---                   | --- | ---          |
| TOTAL                              | 657     | 614    | 652         | ---       | ---   | ---     | 16            | 30                    | 43  | 43           |

## **Key to Table II Showing Analyses of Official Samples**

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and sub-headings:

**ALFALFA MEAL**

**ANIMAL BY-PRODUCTS**, including Blood Meal, Fish Meal, Meat and Bone Scrap, Tankage.

**BARLEY FEED**

**CALF FEED**

**CHOP FEED**

**DAIRY CONCENTRATES**

**DAIRY FEED**

**DISTILLERY AND BREWERY BY-PRODUCTS**

**MAIZE BY-PRODUCTS**, including Corn Gluten Feed, Hominy Feed

**MASH FEED**

**MINERAL FEED**

**MIXING CONCENTRATES**

**OATS BY-PRODUCTS**

**OIL CAKE BY-PRODUCTS**, including Cottonseed Oil Meal, Linseed Oil Meal, Peanut Oil Meal, Soybean Oil Meal.

**POULTRY CONCENTRATES**

**SCRATCH FEED**

**SMALL ANIMAL FEED**

**STOCK, HORSE AND MULE FEED**

**SWINE FEED**

**WHEAT OFFAL** (with and without Ground Grain Screenings) including Wheat Bran and Wheat Middlings.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-444

| MANUFACTURER AND BRAND NAME                                       | PROTEIN |        | FAT    |        | FIBER  |        | COMPOSITION |
|-------------------------------------------------------------------|---------|--------|--------|--------|--------|--------|-------------|
|                                                                   | Found   | Guar.  | Found  | Guar.  | Found  | Guar.  |             |
|                                                                   | P. ct.  | P. ct. | P. ct. | P. ct. | P. ct. | P. ct. |             |
| <u>ALFALFA MEAL</u>                                               |         |        |        |        |        |        |             |
| GREEN ACRE FARMS<br>Nazareth, Pa.                                 |         |        |        |        |        |        |             |
| Green Acre's Brand 17% Dehydrated Alfalfa Meal (390)              | *15.06  | 17.00  | 2.87   | 2.00   | 24.70  | 27.00  | -----       |
| SAUNDERS MILLS, INC.<br>Toledo, Ohio                              |         |        |        |        |        |        |             |
| Dehydrated Alfalfa Meal - 17 (621)                                | 16.69   | 17.00  | 2.71   | 1.50   | 2.93   | 3.00   | -----       |
| TREXLER FARMS<br>Allentown, Pa.                                   |         |        |        |        |        |        |             |
| Buffalo Brand 17% Fancy Fine Ground Dehydrated Alfalfa Meal (398) | 17.19   | 17.00  | 2.41   | 2.00   | 27.03  | 27.00  | -----       |
| WILLOW PRODUCTS COMPANY<br>Willow Island, Neb.                    |         |        |        |        |        |        |             |
| 20% Alfalfa Meal - Dehydrated (638)                               | 19.63   | 20.00  | 2.69   | 1.50   | 23.18  | 22.00  | -----       |
| Average                                                           | 17.14   | ----   | 2.37   | ----   | 19.46  | ----   |             |
| <u>ANIMAL BY-PRODUCTS</u>                                         |         |        |        |        |        |        |             |
| <u>Blood Meal</u>                                                 |         |        |        |        |        |        |             |
| ROBERT A. REICHARD, INC.<br>Allentown, Pa.                        |         |        |        |        |        |        |             |
| Reichard's Blood Meal (404)                                       | 76.56   | 80.00  | 0.91   | 0.50   | 0.94   | 1.00   | -----       |
| Average                                                           | 76.56   | ----   | 0.91   | ----   | 0.94   | ----   |             |
| <u>Fish Meal</u>                                                  |         |        |        |        |        |        |             |
| FISH PRODUCTS COMPANY<br>Lewes, Del.                              |         |        |        |        |        |        |             |
| Smith's Lifeline Fish Meal 62% (389)                              | 60.63   | 62.00  | 6.63   | 5.00   | 0.33   | 3.00   | -----       |
| Average                                                           | 60.63   | ----   | 6.63   | ----   | 0.33   | ----   |             |
| <u>Meat and Bone Scrap</u>                                        |         |        |        |        |        |        |             |
| AHREN FERTILIZER COMPANY<br>Lorraine, Pa.                         |         |        |        |        |        |        |             |
| Ahren's Pure Beef Scrap (408)                                     | *46.31  | 50.00  | 12.72  | 10.00  | 1.44   | 1.62   | -----       |
| BAUGH AND SONS COMPANY<br>Philadelphia, Pa.                       |         |        |        |        |        |        |             |
| Baugh's Oldest Brand Meat & Bone Scrap (24)                       | 49.38   | 50.00  | 8.04   | 6.00   | 2.23   | 3.00   | -----       |
| Baugh's Oldest Brand Meat & Bone Scrap (388)                      | 49.06   | 50.00  | 7.01   | 6.00   | 2.31   | 3.00   | -----       |
| MAURER MANUFACTURING COMPANY<br>Newark, N. J.                     |         |        |        |        |        |        |             |
| Kwality 50% Meat & Bone Scrap (144)                               | 51.19   | 50.00  | 9.78   | 6.00   | 2.13   | 3.00   | -----       |
| MUTUAL RENDERING COMPANY, INC.<br>Philadelphia, Pa.               |         |        |        |        |        |        |             |
| 50% Mureco Meat and Bone (29)                                     | 49.63   | 50.00  | 9.54   | 6.00   | 1.34   | 2.00   | -----       |
| 50% Mureco Meat and Bone (557)                                    | 50.00   | 50.00  | 9.96   | 6.00   | 1.16   | 2.00   | -----       |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                                                 | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|-----------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                                             | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| ROBERT A. REICHARD, INC.<br>Allentown, Pa.                                  |                 |                 |                 |                 |                 |                 |             |
| Raichard's Beef & Bone Scrap<br>(402)                                       | 43.00           | 45.00           | 7.69            | 9.00            | 0.88            | 3.00            | -----       |
| Raichard's 50% Beef Scrap<br>(401)                                          | 48.00           | 50.00           | 10.74           | 9.00            | 2.04            | 3.00            | -----       |
| Raichard's High Grade Baaf Scrap<br>(403)                                   | 54.88           | 55.00           | 8.22            | 9.00            | 1.92            | 2.00            | -----       |
| STRUNZ SOAP COMPANY<br>Pittsburgh, Pa.                                      |                 |                 |                 |                 |                 |                 |             |
| Economy 45% Meat & Bone Scrap<br>(361)                                      | 42.81           | 45.00           | 8.73            | 8.00            | 1.74            | 3.00            | -----       |
| Average                                                                     | 48.42           | -----           | 9.24            | -----           | 1.71            | -----           |             |
| <u>Tankage</u>                                                              |                 |                 |                 |                 |                 |                 |             |
| ROBERT A. REICHARD, INC.<br>Allentown, Pa.                                  |                 |                 |                 |                 |                 |                 |             |
| Raichard's 60% Digestor Tankage<br>(405)                                    | 60.38           | 60.00           | 5.35            | 5.00            | 1.33            | 4.00            | -----       |
| Average                                                                     | 60.38           | -----           | 5.35            | -----           | 1.33            | -----           |             |
| <u>BARLEY FEED</u>                                                          |                 |                 |                 |                 |                 |                 |             |
| ALLEN V. SMITH, INC.<br>Marcellus Falls, N. Y.                              |                 |                 |                 |                 |                 |                 |             |
| Smith's Barley Faed - Red Tag Brand<br>(376)                                | 15.44           | 13.00           | 4.69            | 2.00            | 13.93           | 14.00           | -----       |
| Average                                                                     | 15.44           | -----           | 4.69            | -----           | 13.93           | -----           |             |
| <u>CALF FEED</u>                                                            |                 |                 |                 |                 |                 |                 |             |
| ALBERS MILLING COMPANY<br>Seattle, Wash.                                    |                 |                 |                 |                 |                 |                 |             |
| Albera Calf Manna<br>(598)                                                  | 26.50           | 25.00           | 5.09            | 4.00            | 4.77            | 5.50            | -----       |
| CHESTER COUNTY MILLS, INC.<br>West Chester, Pa.                             |                 |                 |                 |                 |                 |                 |             |
| Calf Grow-Rite & Fitting Ration<br>with Cod Liver Oil<br>(166)              | 14.19           | 12.00           | 4.03            | 3.60            | 7.87            | 8.00            | -----       |
| COOPERATIVE G.L.F. MILLS, INC.<br>Buffalo, N. Y.                            |                 |                 |                 |                 |                 |                 |             |
| G. L. F. Calf Starter<br>(512)                                              | 21.06           | 18.00           | 3.85            | 3.00            | 6.42            | 9.00            | -----       |
| G. L. F. Penna. Calf Grower<br>(608)                                        | 16.69           | 14.00           | 4.50            | 3.50            | 6.22            | 8.00            | -----       |
| EASTERN STATES FARMERS' EXCHANGE<br>INCORPORATED<br>West Springfield, Mass. |                 |                 |                 |                 |                 |                 |             |
| Calf Starter<br>(421)                                                       | 23.19           | 23.00           | 4.14            | 3.50            | 5.45            | 7.00            | -----       |
| REED MILLING COMPANY<br>Brookville, Pa.                                     |                 |                 |                 |                 |                 |                 |             |
| Triangle Calf Meal<br>(229)                                                 | 21.25           | 20.00           | 4.99            | 4.00            | 5.86            | 8.00            | -----       |
| THE QUAKER OATS COMPANY<br>Chicago, Ill.                                    |                 |                 |                 |                 |                 |                 |             |
| Ful-O-Pep Calf Starter<br>(593)                                             | 21.63           | 20.00           | 4.79            | 4.50            | 6.78            | 8.00            | -----       |
| Average                                                                     | 20.65           | -----           | 4.63            | -----           | 6.20            | -----           |             |
| <u>CHOP FEED</u>                                                            |                 |                 |                 |                 |                 |                 |             |
| R. S. ALTMAN<br>Irwin, Pa.                                                  |                 |                 |                 |                 |                 |                 |             |
| Altman's Special Chop<br>(560)                                              | 11.56           | 9.00            | 3.34            | 1.50            | 6.94            | 10.00           | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                                                  | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                                              | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| ZECHMAN'S FLOUR MILLS<br>Pottsgrove, Pa.                                     |                 |                 |                 |                 |                 |                 |             |
| Pure Corn & Oats Chop (236)                                                  | 10.50           | 10.00           | 4.13            | 4.00            | 5.44            | 9.00            | -----       |
| Average                                                                      | 11.03           | -----           | 3.74            | -----           | 6.19            | -----           |             |
| <u>DAIRY CONCENTRATES</u>                                                    |                 |                 |                 |                 |                 |                 |             |
| ALLIED MILLS, INC.<br>Chicago, Ill.                                          |                 |                 |                 |                 |                 |                 |             |
| Amco 32% Supplement Dairy Feed (68)<br>Wayne 32% Dairy Feed (639)            | 32.19<br>34.31  | 32.00<br>32.00  | 4.60<br>4.59    | 3.00<br>3.00    | 5.80<br>5.46    | 10.00<br>10.00  | -----       |
| CHESTER COUNTY MILLS, INC.<br>West Chester, Pa.                              |                 |                 |                 |                 |                 |                 |             |
| Cream-Rite Dairy Ration 32% (168)                                            | 32.00           | 32.00           | 4.31            | 4.50            | 7.51            | 9.00            | -----       |
| CITY FLOURING MILLS, INC.<br>Muncy, Pa.                                      |                 |                 |                 |                 |                 |                 |             |
| Muncy 32 Dairy Ration (412)                                                  | 31.00           | 32.00           | 5.86            | 4.00            | 9.79            | 11.00           | -----       |
| EASTERN STATES FARMERS' EXCHANGE<br>INCORPORATED<br>West Springfield, Mass.  |                 |                 |                 |                 |                 |                 |             |
| 32% Supplement (637)<br>32% Supplement (423)                                 | 35.13<br>34.75  | 32.00<br>32.00  | 4.06<br>4.58    | 4.00<br>4.00    | 5.36<br>6.50    | 8.00<br>8.00    | -----       |
| JOHN W. ESHELMAN & SONS<br>Lancaster, Pa.                                    |                 |                 |                 |                 |                 |                 |             |
| Eshelman Red Rose 32 Mixing Ration (79)                                      | 30.94           | 32.00           | 5.06            | 4.00            | 7.93            | 9.00            | -----       |
| FISHER & SON COMPANY<br>Malvern, Pa.                                         |                 |                 |                 |                 |                 |                 |             |
| Fisher's 33% Dairy Faed (174)                                                | 33.25           | 33.00           | 5.30            | 5.00            | 8.79            | 8.50            | -----       |
| FREYERMUTH MILLS<br>Fredonia, Pa.                                            |                 |                 |                 |                 |                 |                 |             |
| Freyermuth Quality 32% Dairy<br>Mixing Ration (82)                           | 32.31           | 32.00           | 4.93            | 3.00            | 6.16            | 11.00           | -----       |
| PAUL H. GEHMAN<br>Danver, Pa.                                                |                 |                 |                 |                 |                 |                 |             |
| Gehman's 32% Dairy Feed (191)                                                | 34.94           | 32.00           | 4.16            | 3.00            | 7.03            | 8.00            | -----       |
| GENERAL MILLS, INC.<br>Minneapolis, Minn.                                    |                 |                 |                 |                 |                 |                 |             |
| Larro 32% Dairy Concentrate (400)                                            | 33.44           | 32.00           | 2.89            | 3.00            | 8.32            | 11.00           | -----       |
| HUBBARD MILLING COMPANY<br>Ambridge, Pa.                                     |                 |                 |                 |                 |                 |                 |             |
| Hubbard's Sunshine Concentrate with<br>A and D Faading Oil (106)             | 33.00           | 32.00           | 5.09            | 3.50            | 6.75            | 8.00            | -----       |
| MCMILLEN FEED MILLS<br>Fort Wayna, Ind.                                      |                 |                 |                 |                 |                 |                 |             |
| Master Blend Dairy Concentrete (60)                                          | 32.75           | 33.00           | 4.61            | 2.00            | 6.07            | 9.00            | -----       |
| MONTGOMERY-BUCKS<br>FARM BUREAU COOPERATIVE ASSN.<br>Souderton, Pa.          |                 |                 |                 |                 |                 |                 |             |
| 32% Milkmaker (137)                                                          | 33.50           | 32.00           | 6.51            | 4.00            | 9.04            | 10.00           | -----       |
| PENNSYLVANIA FARM BUREAU<br>COOPERATIVE ASSOCIATION, INC.<br>Harrisburg, Pa. |                 |                 |                 |                 |                 |                 |             |
| P. F. B. 32% Milkmaker (86)                                                  | 35.81           | 32.00           | 4.73            | 3.00            | 5.34            | 10.00           | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                         | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|-----------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                     | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| PINE RUN FARM SUPPLY<br>Doylestown, Pa.             |                 |                 |                 |                 |                 |                 |             |
| Pine Run 32% Dairy Feed (146)                       | 31.31           | 32.00           | *2.78           | 4.00            | 6.10            | 9.00            | -----       |
| THE QUAKER OATS COMPANY<br>Chicago, Ill.            |                 |                 |                 |                 |                 |                 |             |
| Full-O-Pep 32% Dairy Ration (52)                    | 31.06           | 32.00           | 4.67            | 4.00            | 8.31            | 10.00           | -----       |
| ROUX FEED MILLS<br>Sharon, Pa.                      |                 |                 |                 |                 |                 |                 |             |
| Roux Blue Ribbon 32% Dairy (8)                      | *28.69          | 32.00           | *2.28           | 3.00            | 5.91            | 12.00           | -----       |
| SNYDER MILLING COMPANY<br>Nazareth, Pa.             |                 |                 |                 |                 |                 |                 |             |
| Gold Star 32% Dairy Concentrate (261)               | 32.94           | 32.00           | 3.31            | 3.50            | 7.70            | 8.00            | -----       |
| JACOB TRINLEY & SONS, INC.<br>Linfield, Pa.         |                 |                 |                 |                 |                 |                 |             |
| Real 32% Mixing Ration (314)                        | *29.25          | 32.00           | 3.81            | 4.00            | 7.20            | 10.00           | -----       |
| WHITMAYER LABORATORIES, INC.<br>Myerstown, Pa.      |                 |                 |                 |                 |                 |                 |             |
| Connecticut Mix (345)                               | 39.19           | 37.00           | 23.54           | 12.00           | 1.51            | 3.50            | -----       |
| Average                                             | 32.94           | -----           | 5.32            | -----           | 6.79            | -----           |             |
| <u>DAIRY FEED</u>                                   |                 |                 |                 |                 |                 |                 |             |
| ALLIED MILLS, INC.<br>Chicago, Ill.                 |                 |                 |                 |                 |                 |                 |             |
| Amco 20% Dairy Feed (67)                            | 22.69           | 20.00           | 4.56            | 3.00            | 6.45            | 10.00           | -----       |
| Amco 21% Universal Dairy Feed (66)                  | 23.69           | 24.00           | 4.81            | 3.00            | 6.16            | 10.00           | -----       |
| Ideal 16% Dairy Feed (70)                           | 19.63           | 16.00           | 3.48            | 3.00            | 10.09           | 12.00           | -----       |
| R. S. ALTMAN<br>Irwin, Pa.                          |                 |                 |                 |                 |                 |                 |             |
| Altman's 16% Dairy Ration (357)                     | 17.06           | 16.00           | 3.14            | 3.00            | 7.80            | 12.00           | -----       |
| Altman's 20% Dairy Ration (559)                     | 19.38           | 20.00           | 3.32            | 3.00            | 6.98            | 12.00           | -----       |
| Altman's 20% Dairy Ration (653)                     | 22.81           | 20.00           | 3.17            | 3.00            | 6.85            | 12.00           | -----       |
| C. D. BELL & SON<br>Hop Bottom, Pa.                 |                 |                 |                 |                 |                 |                 |             |
| C. D. Bell's Cow Feed (440)                         | 22.19           | 20.00           | 5.16            | 3.00            | 8.03            | 10.00           | -----       |
| BEST FEEDS & FARM SUPPLIES, INC.<br>Washington, Pa. |                 |                 |                 |                 |                 |                 |             |
| Best Feeds Dairy Ration (51)                        | 19.94           | 20.00           | 4.54            | 3.00            | 8.75            | 10.00           | -----       |
| Best Feeds Dairy Ration (358)                       | 20.00           | 20.00           | 3.63            | 3.00            | 5.76            | 10.00           | -----       |
| Best Feeds Super 20 Dairy (547)                     | 25.19           | 20.00           | 3.52            | 3.50            | 6.92            | 10.00           | -----       |
| D. G. BRANDT & SON<br>Annville, Pa.                 |                 |                 |                 |                 |                 |                 |             |
| Blue Ribbon 24% Dairy Feed (290)                    | 25.81           | 24.00           | 4.14            | 3.50            | 8.80            | 8.00            | -----       |
| BROWN & REA<br>Atglen, Pa.                          |                 |                 |                 |                 |                 |                 |             |
| B & R 20% Dairy Feed (161)                          | 21.31           | 20.00           | 4.50            | 4.00            | 9.88            | 11.00           | -----       |
| BUCK & HUNSBURGER<br>West Point, Pa.                |                 |                 |                 |                 |                 |                 |             |
| B & H Dairy Feed (328)                              | 17.75           | 18.00           | 3.86            | 4.00            | 10.64           | 10.00           | -----       |
| S. S. BUCKWALTER<br>Spring City, Pa.                |                 |                 |                 |                 |                 |                 |             |
| Buckwalter's 20% Dairy Feed (180)                   | 23.00           | 20.00           | 3.81            | 4.00            | 7.46            | 11.00           | -----       |
| Buckwalter's 24% Dairy Feed (179)                   | 27.19           | 24.00           | 3.71            | 4.00            | 10.22           | 11.00           | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

50-4-44

| MANUFACTURER AND BRAND NAME                                                                                                                                                                  | PROTEIN                                            |                                                    | FAT                                          |                                              | FIBER                                        |                                              | COMPOSITION |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|-------------|
|                                                                                                                                                                                              | Found<br>P. ct.                                    | Guar.<br>P. ct.                                    | Found<br>P. ct.                              | Guar.<br>P. ct.                              | Found<br>P. ct.                              | Guar.<br>P. ct.                              |             |
| CANNONSBURG MILLING COMPANY<br>Cannonsburg, Pa.                                                                                                                                              |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| 16% Dairy Feed (62)                                                                                                                                                                          | 16.81                                              | 16.00                                              | *2.57                                        | 3.50                                         | 15.57                                        | 15.00                                        | -----       |
| CATAWISSA MILLING COMPANY<br>Catawissa, Pa.                                                                                                                                                  |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Blue Ribbon 20% Dairy Feed (249)                                                                                                                                                             | 21.00                                              | 20.00                                              | 4.75                                         | 3.00                                         | 8.08                                         | 11.00                                        | -----       |
| CHESTER COUNTY MILLS, INC.<br>West Chester, Pa.                                                                                                                                              |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Cream-Rite Dairy Ration 16% (169)<br>Cream-Rite Dairy Ration 18% (167)                                                                                                                       | 17.88<br>20.38                                     | 16.00<br>18.00                                     | 3.83<br>3.97                                 | 2.30<br>2.90                                 | 11.60<br>*8.99                               | 10.60<br>7.20                                | -----       |
| CITY FLOURING MILLS, INC.<br>Muncy, Pa.                                                                                                                                                      |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Muncy 20 Dairy Ration (413)                                                                                                                                                                  | 18.56                                              | 20.00                                              | 4.02                                         | 4.00                                         | 11.43                                        | 11.00                                        | -----       |
| CLARION ROLLER MILLS<br>Clarion, Pa.                                                                                                                                                         |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Premium 18% Dairy (233)                                                                                                                                                                      | 18.44                                              | 18.00                                              | 3.74                                         | 3.25                                         | 11.00                                        | 10.00                                        | -----       |
| COLLEGEVILLE MILLS<br>Collegeville, Pa.                                                                                                                                                      |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Perkiomen Dairy Feed (485)                                                                                                                                                                   | 19.13                                              | 18.00                                              | 3.66                                         | 4.00                                         | 10.46                                        | 12.00                                        | -----       |
| G. E. CONKEY COMPANY<br>Cleveland, Ohio                                                                                                                                                      |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Conkey's Red Seal Dairy Feed 16% (551)<br>Conkey's Red Seal 20% Dairy Feed (71)                                                                                                              | 18.56<br>22.81                                     | 16.00<br>20.00                                     | 5.67<br>3.17                                 | 3.00<br>3.00                                 | 8.41<br>10.19                                | 12.00<br>14.00                               | -----       |
| COOPERATIVE G.L.F. MILLS, INC.<br>Buffalo, N. Y.                                                                                                                                             |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| G. L. F. Exchange Dairy (505)<br>G. L. F. Exchange Dairy (602)<br>G. L. F. Milk Maker (274)<br>G. L. F. Milk Maker (506)<br>G. L. F. Milk Maker (601)<br>G. L. F. 30% Dairy Supplement (275) | 22.13<br>21.31<br>27.81<br>26.25<br>25.19<br>32.75 | 20.00<br>20.00<br>24.00<br>24.00<br>24.00<br>30.00 | 4.69<br>4.88<br>4.27<br>4.54<br>4.67<br>3.74 | 3.25<br>3.50<br>3.25<br>3.25<br>3.50<br>3.00 | 6.39<br>7.41<br>5.65<br>6.21<br>6.97<br>6.42 | 9.00<br>9.00<br>9.00<br>9.00<br>9.00<br>9.00 | -----       |
| CUMBERLAND VALLEY COOPERATIVE ASSN.<br>Shippensburg, Pa.                                                                                                                                     |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Hub 16% Dairy Feed (641)                                                                                                                                                                     | *14.06                                             | 16.00                                              | 3.26                                         | 3.00                                         | 7.67                                         | 12.00                                        | -----       |
| DAILY MILLS, INC.<br>Olean, N. Y.                                                                                                                                                            |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Double Diamond 20% Test Ration (364)<br>20% Milk Producer (365)                                                                                                                              | 21.81<br>19.94                                     | 20.00<br>20.00                                     | 3.76<br>3.91                                 | 4.00<br>4.00                                 | 7.04<br>7.78                                 | 9.00<br>10.00                                | -----       |
| DIAMOND MILLING COMPANY<br>New Brighton, Pa.                                                                                                                                                 |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Diamond 20% Dairy Ration (478)<br>Diamond 24% Dairy Ration (480)                                                                                                                             | 23.94<br>26.94                                     | 20.00<br>24.00                                     | 2.92<br>3.18                                 | 3.25<br>3.25                                 | 10.06<br>9.00                                | 11.00<br>10.00                               | -----       |
| DUBLIN MILLING COMPANY, INC.<br>Dublin, Pa.                                                                                                                                                  |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Dublin Dairy Feed (28)                                                                                                                                                                       | 19.00                                              | 18.00                                              | 4.81                                         | 3.50                                         | 8.59                                         | 11.00                                        | -----       |
| EASTERN STATES FARMERS' EXCHANGE<br>INCORPORATED<br>West Springfield, Mass.                                                                                                                  |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Fulpail<br>Milkmore (635)<br>(636)                                                                                                                                                           | 21.81<br>18.25                                     | 20.00<br>16.00                                     | 4.24<br>4.22                                 | 3.50<br>3.50                                 | 6.61<br>7.19                                 | 9.00<br>9.00                                 | -----       |
| H. N. EPPINGER & SONS<br>New Bedford, Pa.                                                                                                                                                    |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| Eppinger's 20% Dairy Feed (466)                                                                                                                                                              | 24.81                                              | 20.00                                              | 5.45                                         | 2.00                                         | 8.56                                         | 12.00                                        | -----       |
| E. L. M. FEED STORE<br>Greencastle, Pa.                                                                                                                                                      |                                                    |                                                    |                                              |                                              |                                              |                                              |             |
| E. L. M. 20% Dairy Feed (94)                                                                                                                                                                 | 21.63                                              | 20.00                                              | 3.93                                         | 3.00                                         | 9.01                                         | 12.00                                        | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                               | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|-----------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                           | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| JOHN W. ESHELMAN & SONS<br>Lancaster, Pa.                 |                 |                 |                 |                 |                 |                 |             |
| Eshelman Challenge Dairy Feed 24% (75)                    | 23.63           | 24.00           | 5.46            | 5.50            | 8.58            | 11.00           |             |
| Eshelman Conestoga Dairy 20% (77)                         | 19.94           | 20.00           | 5.29            | 4.00            | 9.53            | 11.00           |             |
| Eshelman Pennsy Dairy 16% Feed (76)                       | 16.50           | 16.00           | 5.58            | 3.00            | *12.53          | 11.00           |             |
| Eshelman Red Rose 16 Dairy Feed (214)                     | 17.38           | 16.00           | 4.82            | 4.00            | 7.74            | 11.00           |             |
| Eshelman Red Rose 18 Dairy Feed (215)                     | 18.56           | 18.00           | 4.87            | 4.00            | 7.44            | 9.00            |             |
| Eshelman Red Rose 24 Dairy Feed (218)                     | 26.06           | 24.00           | 4.93            | 4.00            | 7.46            | 11.00           |             |
| FISHER & SON COMPANY<br>Malvern, Pa.                      |                 |                 |                 |                 |                 |                 |             |
| Fisher's 18% Dairy Feed (173)                             | 19.56           | 18.00           | 4.15            | 4.00            | 8.56            | 9.00            |             |
| Fisher's 24% Dairy Feed (175)                             | 26.19           | 24.00           | 4.94            | 5.00            | 8.32            | 9.00            |             |
| FLORY MILLING COMPANY, INC.<br>Bangor, Pa.                |                 |                 |                 |                 |                 |                 |             |
| Flory 20% Dairy Feed (280)                                | 21.94           | 20.00           | 5.32            | 3.50            | 8.59            | 10.00           |             |
| FREYERMUTH MILLS<br>Fredonia, Pa.                         |                 |                 |                 |                 |                 |                 |             |
| Freyermuth's Dairy Feed 20% (81)                          | 20.63           | 20.00           | 4.07            | 3.00            | 7.60            | 11.00           |             |
| D. D. FRITCH MILLING COMPANY<br>Macungie, Pa.             |                 |                 |                 |                 |                 |                 |             |
| XXXX Fancy 16% Dairy Feed (386)                           | 19.56           | 16.00           | 3.52            | 3.00            | *10.89          | 8.00            |             |
| XXXX Fancy 24% Dairy Feed (387)                           | 26.94           | 24.00           | 4.06            | 3.50            | *10.42          | 9.00            |             |
| PAUL H. GEHMAN<br>Denver, Pa.                             |                 |                 |                 |                 |                 |                 |             |
| Gehman's 16% Dairy Feed (189)                             | 18.31           | 16.00           | 4.43            | 3.50            | 8.04            | 8.00            |             |
| Gehman's 24% Dairy Feed (190)                             | 27.06           | 24.00           | 4.47            | 3.00            | 8.69            | 8.00            |             |
| W. M. GOLDEN & SON<br>Springville, Pa.                    |                 |                 |                 |                 |                 |                 |             |
| Dairy Feed (443)                                          | 21.00           | 18.00           | 4.03            | 4.00            | 6.07            | 10.00           |             |
| JAMES H. GRAY MILLING COMPANY, INC.<br>Springville, N. Y. |                 |                 |                 |                 |                 |                 |             |
| 16% Gramco Dairy Ration (371)                             | 19.94           | 16.00           | 5.00            | 4.00            | 6.79            | 11.00           |             |
| 20% Gramco Dairy Ration (369)                             | 20.56           | 20.00           | 5.00            | 4.00            | 7.72            | 11.00           |             |
| 20% Super Gramco Dairy Ration (368)                       | 20.75           | 20.00           | 4.68            | 4.00            | 7.08            | 11.00           |             |
| 30% Gramco Dairy Supplement (370)                         | 32.19           | 30.00           | 4.17            | 3.50            | 7.75            | 10.00           |             |
| HARPER FEED MILLS, INC.<br>Washington, Pa.                |                 |                 |                 |                 |                 |                 |             |
| Green Pasture 20% Dairy Ration (43)                       | 22.13           | 20.00           | 3.43            | 3.00            | 9.31            | 12.00           |             |
| Green Pasture 20% Dairy Ration (543)                      | 21.00           | 20.00           | 3.51            | 3.00            | 7.10            | 12.00           |             |
| F. D. HARTZEL'S SONS COMPANY<br>Chalfont, Pa.             |                 |                 |                 |                 |                 |                 |             |
| Perfection 17% Dairy Feed (320)                           | 21.31           | 17.00           | 3.81            | 3.50            | 10.87           | 10.00           |             |
| I. B. HEIMBACH & SON<br>East Greenville, Pa.              |                 |                 |                 |                 |                 |                 |             |
| 18% Special Dairy Feed (481)                              | 19.25           | 18.00           | 4.29            | 3.50            | 10.03           | 11.00           |             |
| S. H. HIESTAND & COMPANY<br>Salunga, Pa.                  |                 |                 |                 |                 |                 |                 |             |
| Salunga 16% Dairy Ration (206)                            | 16.69           | 16.00           | 4.21            | 3.00            | 8.76            | 8.00            |             |
| HONESDALE FLOUR & FEED COMPANY<br>Honesdale, Pa.          |                 |                 |                 |                 |                 |                 |             |
| Tru-Mix 20% Dairy Ration (Sweetened) (452)                | 22.00           | 20.00           | 4.13            | 4.00            | 7.63            | 9.00            |             |
| HUNTSINGER'S MILL<br>Higgins, Pa.                         |                 |                 |                 |                 |                 |                 |             |
| Quality Dairy Ration (252)                                | 20.38           | 20.00           | 4.52            | 4.00            | 7.42            | 9.00            |             |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

300-444

| MANUFACTURER AND BRAND NAME                                                  | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                                              | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| KASCO MILLS, INC.<br>Waverly, N. Y.                                          |                 |                 |                 |                 |                 |                 |             |
| Apex 24% Dairy Feed (74)                                                     | 27.94           | 24.00           | 4.66            | 3.00            | 9.93            | 12.00           | -----       |
| Kasco Beatsall Milk Grains 16% (565)                                         | 17.75           | 16.00           | 3.94            | 3.50            | 7.06            | 10.00           | -----       |
| Kasco Beatsall Milk Grains 20% (564)                                         | 21.06           | 20.00           | 3.70            | 3.50            | 7.70            | 10.00           | -----       |
| H. B. KRATZ & SONS<br>Schwenksville, Pa.                                     |                 |                 |                 |                 |                 |                 |             |
| Ideal Dairy Feed (489)                                                       | 23.06           | 20.00           | 4.36            | 4.00            | 10.86           | 10.00           | -----       |
| J. R. LEWIS<br>Orson, Pa.                                                    |                 |                 |                 |                 |                 |                 |             |
| J. R. L. Dairy Ration (446)                                                  | 23.50           | 20.00           | 4.42            | 3.00            | 7.83            | 10.00           | -----       |
| LINCOLN HAY & FEED COMPANY<br>Lincoln University, Pa.                        |                 |                 |                 |                 |                 |                 |             |
| Markitop 24% Dairy Feed (163)                                                | 28.56           | 24.00           | 4.89            | 3.50            | 8.03            | 10.00           | -----       |
| MARITIME MILLING COMPANY, INC.<br>Buffalo, N. Y.                             |                 |                 |                 |                 |                 |                 |             |
| Marmico 16% Protein Dairy Feed (130)                                         | 17.25           | 16.00           | 3.76            | 3.00            | 11.52           | 12.00           | -----       |
| Sweetened B-B 18% Dairy Ration (132)                                         | 20.44           | 18.00           | 3.52            | 3.50            | 8.09            | 9.00            | -----       |
| MECHANICSBURG MILLING COMPANY<br>Mechanicsburg, Pa.                          |                 |                 |                 |                 |                 |                 |             |
| Brandt's O.K. Markitop Dairy Balancer (644)                                  | 16.44           | 12.00           | 2.19            | 0.50            | 3.96            | 4.00            | -----       |
| G. H. MILLER<br>Sidman, Pa.                                                  |                 |                 |                 |                 |                 |                 |             |
| Blue Circle 20% Dairy Feed (573)                                             | 23.69           | 20.00           | 3.18            | 3.00            | 7.69            | 10.00           | -----       |
| Miller's Supreme Dairy Feed (576)                                            | 20.19           | 20.00           | 3.11            | 3.00            | 12.07           | 12.00           | -----       |
| MOSES BROTHERS COMPANY, INC.<br>Eaton, N. Y.                                 |                 |                 |                 |                 |                 |                 |             |
| 3 M.M.M. Dairy Ration (519)                                                  | 25.25           | 24.00           | 4.44            | 4.50            | 7.11            | 10.00           | -----       |
| MOYER & SON<br>Souderton, Pa.                                                |                 |                 |                 |                 |                 |                 |             |
| M & S Dairy Feed (136)                                                       | 21.44           | 19.50           | 4.26            | 3.00            | 9.81            | 10.50           | -----       |
| NYCE SUPPLY YARDS<br>New Britain, Pa.                                        |                 |                 |                 |                 |                 |                 |             |
| Gilt Edge 16% Dairy Ration (21)                                              | 17.25           | 16.00           | 3.42            | 3.00            | *12.32          | 10.00           | -----       |
| Gilt Edge 24% Dairy Ration (20)                                              | 24.69           | 24.00           | 4.77            | 3.50            | 8.20            | 10.00           | -----       |
| PENNSYLVANIA FARM BUREAU<br>COOPERATIVE ASSOCIATION, INC.<br>Harrisburg, Pa. |                 |                 |                 |                 |                 |                 |             |
| P. F. B. 20% Milk Maker (85)                                                 | 22.31           | 20.00           | 4.98            | 4.00            | 6.71            | 10.00           | -----       |
| P. F. B. 20% Milk Maker (105)                                                | 24.13           | 20.00           | 4.77            | 3.50            | 7.02            | 10.00           | -----       |
| P. F. B. 20% Milk Maker (662)                                                | 24.94           | 20.00           | 4.11            | 4.00            | 7.38            | 10.00           | -----       |
| PERRYOPOLIS FEED & SUPPLY COMPANY<br>Perryopolis, Pa.                        |                 |                 |                 |                 |                 |                 |             |
| Perry Quality 20% Dairy Ration (63)                                          | 20.50           | 20.00           | 3.61            | 3.50            | 9.43            | 9.00            | -----       |
| PINE RUN FARM SUPPLY<br>Doylestown, Pa.                                      |                 |                 |                 |                 |                 |                 |             |
| Pine Run 18% Dairy (145)                                                     | 18.13           | 18.00           | 3.86            | 3.50            | 7.87            | 12.00           | -----       |
| PRIMEX MILLS<br>Glenside, Pa.                                                |                 |                 |                 |                 |                 |                 |             |
| Primex Cow Feed (504)                                                        | *17.63          | 20.00           | 4.16            | 3.50            | 8.77            | 8.00            | -----       |
| THE QUAKER OATS COMPANY<br>Chicago, Ill.                                     |                 |                 |                 |                 |                 |                 |             |
| Quaker 16% Protein Dairy Ration (583)                                        | 18.38           | 16.00           | 2.79            | 2.50            | 12.12           | 12.00           | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                     | PROTEIN |        | FAT    |        | FIBER  |        | COMPOSITION |
|-------------------------------------------------|---------|--------|--------|--------|--------|--------|-------------|
|                                                 | Found   | Guar.  | Found  | Guar.  | Found  | Guar.  |             |
|                                                 | P. ct.  | P. ct. | P. ct. | P. ct. | P. ct. | P. ct. |             |
| RED LION MILLING COMPANY<br>Red Lion, Pa.       |         |        |        |        |        |        |             |
| Red Lion Unexcelled 16% Dairy Feed (554)        | 17.88   | 16.00  | 3.81   | 3.00   | 11.48  | 11.00  | -----       |
| REED MILLING COMPANY<br>Brookville, Pa.         |         |        |        |        |        |        |             |
| Triangle 20% Dairy Ration (225)                 | 19.75   | 20.00  | *3.92  | 4.50   | 9.00   | 10.00  | -----       |
| THE RICHARDS MILLING COMPANY<br>Cortland, Ohio  |         |        |        |        |        |        |             |
| Richards Cash 24% Dairy Feed (584)              | 22.88   | 24.00  | 2.97   | 3.00   | 12.93  | 15.00  | -----       |
| Richards 20% Dairy Feed (582)                   | 21.94   | 20.00  | 3.62   | 3.00   | 11.12  | 12.00  | -----       |
| ROARING CREEK MILL<br>Cetewisse, Pa.            |         |        |        |        |        |        |             |
| Milk Well 18% Dairy (245)                       | 19.38   | 18.00  | 5.06   | 3.50   | 7.67   | 12.00  | -----       |
| - ROBERT'S FEED MILL<br>Peckville, Pa.          |         |        |        |        |        |        |             |
| Rob-Rose 20% Dairy Feed (520)                   | 20.63   | 20.00  | 3.60   | 4.00   | 5.52   | 8.00   | -----       |
| ROUX FEED MILLS<br>Sharon, Pa.                  |         |        |        |        |        |        |             |
| Roux Red Ribbon 20% Dairy (4)                   | 21.81   | 20.00  | 3.03   | 3.00   | 7.92   | 12.00  | -----       |
| Roux Red Ribbon 24% Dairy (3)                   | 23.69   | 24.00  | 2.84   | 3.00   | 6.68   | 12.00  | -----       |
| SACRAMENTO ROLLER MILLS<br>Sacramento, Pa.      |         |        |        |        |        |        |             |
| Sacromill Steer Feed (257)                      | 14.75   | 10.00  | 4.00   | 3.00   | 5.83   | 12.00  | -----       |
| EARL SAUDER<br>New Holland, Pa.                 |         |        |        |        |        |        |             |
| Sauder's Sweet 20% Dairy (187)                  | 24.88   | 20.00  | 5.41   | 4.00   | 9.16   | 9.00   | -----       |
| Sauder's Sweet 24% Dairy (186)                  | 26.63   | 24.00  | 5.36   | 4.00   | 9.88   | 9.00   | -----       |
| SHELLY BROTHERS<br>Perkasie, Pa.                |         |        |        |        |        |        |             |
| Shelly Brothers Quality 20%<br>Dairy Feed (36)  | 20.75   | 20.00  | 3.92   | 4.00   | 7.62   | 9.00   | -----       |
| ESTATE OF GEO. S. SNYDER, INC.<br>Hatfield, Pa. |         |        |        |        |        |        |             |
| Snyder's Quality Dairy Feed (141)               | 17.94   | 18.00  | 4.33   | 3.50   | 10.11  | 9.50   | -----       |
| SNYDER MILLING COMPANY<br>Nazareth, Pa.         |         |        |        |        |        |        |             |
| Gold Star 16% Dairy Feed (262)                  | 18.19   | 16.00  | 4.37   | 3.00   | 10.61  | 12.00  | -----       |
| Gold Star 28% Dairy Feed (260)                  | 30.81   | 28.00  | 3.21   | 3.50   | 7.94   | 8.00   | -----       |
| SPENCER MILLING COMPANY<br>Thompson, Pa.        |         |        |        |        |        |        |             |
| Spencer's 18% Dairy (444)                       | 21.31   | 18.00  | 4.62   | 3.50   | 8.97   | 10.00  | -----       |
| STEARN'S MILL<br>Kingsley, Pa.                  |         |        |        |        |        |        |             |
| Stearns Special Dairy Ration (454)              | 20.94   | 18.00  | 4.19   | 4.00   | 6.70   | 10.00  | -----       |
| EDWIN F. STOVER ESTATE<br>Perkasie, Pa.         |         |        |        |        |        |        |             |
| Stover's 18% Dairy Feed (41)                    | 18.38   | 18.00  | 4.26   | 3.25   | 8.87   | 12.00  | -----       |
| P. O. SUNDAY<br>Carlisle, Pa.                   |         |        |        |        |        |        |             |
| Cumberland 20% Dairy (632)                      | 21.56   | 20.00  | 4.56   | 4.50   | 8.04   | 12.00  | -----       |
| Cumberland 24% Dairy (631)                      | 25.75   | 24.00  | 5.34   | 4.00   | 6.91   | 10.00  | -----       |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-14

| MANUFACTURER AND BRAND NAME                                     | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |  |
|-----------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|--|
|                                                                 | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |  |
| SWIFT & COMPANY<br>Chicago, Ill.                                |                 |                 |                 |                 |                 |                 |             |  |
| Swift's Dairy Feed (73)                                         | 16.75           | 16.00           | 6.62            | 3.50            | 10.82           | 10.00           | -----       |  |
| SWINGLE BROTHERS<br>Lake Ariel, Pa.                             |                 |                 |                 |                 |                 |                 |             |  |
| Direct 20% Dairy Ration (433)<br>Special 20% Dairy Ration (435) | 22.63<br>22.00  | 20.00<br>20.00  | 4.66<br>4.77    | 3.50<br>3.00    | 8.70<br>8.09    | 10.00<br>9.00   | -----       |  |
| THORPE, BAKER & COMPANY<br>Carbondale, Pa.                      |                 |                 |                 |                 |                 |                 |             |  |
| C-A Dairy Ration (516)                                          | 23.88           | 20.00           | 5.04            | 3.50            | 7.68            | 10.00           | -----       |  |
| THRIFT FEED MILLS, INC.<br>Doylestown, Pa.                      |                 |                 |                 |                 |                 |                 |             |  |
| Thriftee 18% Dairy (25)                                         | 17.75           | 18.00           | 4.15            | 3.50            | 6.87            | 9.00            | -----       |  |
| TIOGA MILLS, INC.<br>Waverly, N. Y.                             |                 |                 |                 |                 |                 |                 |             |  |
| Creamatine<br>OR-CO Sweet Feed (610)<br>(611)                   | 23.25<br>19.69  | 20.00<br>18.00  | 5.48<br>4.98    | 4.00<br>3.50    | 7.53<br>11.47   | 9.50<br>11.00   | -----       |  |
| JACOB TRINLEY & SONS, INC.<br>Linfield, Pa.                     |                 |                 |                 |                 |                 |                 |             |  |
| Trinley's 20% Dairy Feed (313)                                  | 20.13           | 20.00           | 3.87            | 4.00            | 10.00           | 11.00           | -----       |  |
| VANDERVORT MILLS<br>Laceystown, Pa.                             |                 |                 |                 |                 |                 |                 |             |  |
| Vandervort's 16% Special Dairy Ration (437)                     | 16.06           | 16.00           | 4.54            | 4.00            | *8.93           | 8.00            | -----       |  |
| Vandervort's 16% Special Dairy Ration (589)                     | 17.69           | 16.00           | 5.14            | 4.00            | 10.27           | 10.00           | -----       |  |
| Vandervort's 18% Special Dairy Ration (590)                     | 20.50           | 18.00           | 5.56            | 4.00            | 10.28           | 10.00           | -----       |  |
| Vandervort's Gold Band 18% Dairy Ration (595)                   | 19.94           | 18.00           | 5.33            | 4.50            | 7.27            | 8.00            | -----       |  |
| Vandervort's 20% Dairy Ration (Sweet Twenty) (592)              | 24.25           | 20.00           | 4.61            | 3.50            | *12.71          | 10.00           | -----       |  |
| Vandervort's 24% Red Tag Dairy (588)                            | 27.00           | 24.00           | 4.79            | 4.00            | 8.57            | 8.00            | -----       |  |
| Vandervort's 30% Dairy Ration (591)                             | *27.81          | 30.00           | 4.64            | 3.75            | *9.37           | 7.00            | -----       |  |
| THE WADSWORTH FEED COMPANY<br>Warren, Ohio                      |                 |                 |                 |                 |                 |                 |             |  |
| Wadsworth's 16% Dairy Ration (563)                              | 16.63           | 16.00           | 3.02            | 3.00            | 9.43            | 15.00           | -----       |  |
| WAYMART MILLING COMPANY<br>Waymart, Pa.                         |                 |                 |                 |                 |                 |                 |             |  |
| Way Best 18% Dairy Ration (450)                                 | 19.94           | 18.00           | 4.12            | 4.00            | 5.84            | 7.50            | -----       |  |
| C. P. WENGER & SONS<br>Ephrata, Pa.                             |                 |                 |                 |                 |                 |                 |             |  |
| Wenger's 20% Dairy Feed (199)<br>Wenger's 24% Dairy Feed (196)  | 24.63<br>27.50  | 20.00<br>24.00  | *3.58<br>*3.43  | 5.00<br>4.50    | *10.99<br>10.53 | 8.50<br>12.00   | -----       |  |
| C. E. WOOLEVER<br>Catawissa, Pa.                                |                 |                 |                 |                 |                 |                 |             |  |
| Millgrove Chief 18% Dairy Feed (241)                            | 19.56           | 18.00           | 3.77            | 2.50            | 8.96            | 9.50            | -----       |  |
| ZECHMAN'S FLOUR MILLS<br>Pottsgrove, Pa.                        |                 |                 |                 |                 |                 |                 |             |  |
| Zechman's 16% Milk Producer (234)                               | 16.63           | 16.00           | 4.00            | 4.00            | 6.24            | 9.00            | -----       |  |
| Average                                                         | 21.51           | ----            | 4.21            | ----            | 8.47            | ----            |             |  |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                         | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |       |
|-----------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|-------|
|                                                     | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |       |
| <u>DISTILLERY AND BREWERY BY-PRODUCTS</u>           |                 |                 |                 |                 |                 |                 |             |       |
| THE NEW CENTURY COMPANY<br>Chicago, Ill.            |                 |                 |                 |                 |                 |                 |             |       |
| Pilsnar Dried Brewars Greins (392)                  | 29.00           | 24.00           | 7.67            | 5.00            | 12.09           | 18.00           |             | ----- |
| Average                                             | 29.00           | ----            | 7.67            | ----            | 12.09           | ----            |             |       |
| <u>MAIZE BY-PRODUCTS</u>                            |                 |                 |                 |                 |                 |                 |             |       |
| Corn Gluten Feed                                    |                 |                 |                 |                 |                 |                 |             |       |
| A. E. STALEY MANUFACTURING COMPANY<br>Decatur, Ill. |                 |                 |                 |                 |                 |                 |             |       |
| Staley Corn Gluten Feed (391)                       | 24.81           | 23.00           | 3.51            | 1.50            | 6.35            | 8.00            |             | ----- |
| Average                                             | 24.81           | ----            | 3.51            | ----            | 6.35            | ----            |             |       |
| <u>Hominy Feed</u>                                  |                 |                 |                 |                 |                 |                 |             |       |
| ILLINOIS CEREAL MILLS, INC.<br>Paris, Ill.          |                 |                 |                 |                 |                 |                 |             |       |
| Hominy Feed (600)                                   | 11.63           | 10.00           | 6.22            | 6.00            | 4.43            | 5.00            |             | ----- |
| Average                                             | 11.63           | ----            | 6.22            | ----            | 4.43            | ----            |             |       |
| <u>MASH FEED</u>                                    |                 |                 |                 |                 |                 |                 |             |       |
| ABERDEEN MILLS<br>Elizabethtown, Pa.                |                 |                 |                 |                 |                 |                 |             |       |
| Aberdeen Egg & Breadar Mash (334)                   | 19.75           | 20.00           | 4.42            | 4.00            | 6.67            | 9.00            |             | ----- |
| Ahardeen Mills Growing Mash (335)                   | 17.63           | 18.00           | 4.52            | 3.00            | 7.09            | 9.00            |             | ----- |
| Abardean Mills Starting Mash (336)                  | 20.19           | 20.00           | 4.52            | 3.00            | 7.04            | 9.00            |             | ----- |
| Aherdeen Mills Turkey Starter Mash (338)            | 23.94           | 24.00           | 4.69            | 3.00            | 6.23            | 8.00            |             | ----- |
| ARCADY FARMS MILLING COMPANY<br>Chicago, Ill.       |                 |                 |                 |                 |                 |                 |             |       |
| Wonderfat Crete Fettanner (123)                     | 14.88           | 14.00           | 4.24            | 4.00            | 8.24            | 8.00            |             | ----- |
| Wonderfat Stetion Feed with Rolled Oats (119)       | 15.25           | 14.00           | 4.44            | 4.50            | 6.56            | 7.00            |             | ----- |
| ALLIED MILLS, INC.<br>Chicago, Ill.                 |                 |                 |                 |                 |                 |                 |             |       |
| Wayne Egg Mash (656)                                | 21.00           | 20.00           | 4.66            | 3.00            | 7.23            | 8.00            |             | ----- |
| R. S. ALTMAN<br>Irwin, Pa.                          |                 |                 |                 |                 |                 |                 |             |       |
| Altman's Buttermilk Growing Mash (355)              | 17.69           | 17.00           | 4.02            | 3.00            | 8.54            | 9.00            |             | ----- |
| Altman's Buttermilk Growing Meah (532)              | 17.50           | 17.00           | 3.46            | 3.00            | 7.93            | 9.00            |             | ----- |
| Altman's Buttermilk Starting & Broiler Mash (558)   | 20.81           | 18.00           | 3.79            | 3.00            | 6.57            | 8.00            |             | ----- |
| Altman's Buttermilk Starting & Broiler Mash (47)    | 20.19           | 18.00           | 4.00            | 3.00            | 6.73            | 8.00            |             | ----- |
| Altman's Fattening Mash (49)                        | 15.75           | 15.00           | 3.74            | 4.00            | 6.37            | 6.00            |             | ----- |
| Altman's Fattening Mash (531)                       | 15.56           | 15.00           | *2.06           | 4.00            | 4.60            | 6.00            |             | ----- |
| Altman's Super A Egg Mash (356)                     | 22.69           | 22.00           | 3.25            | 3.50            | 7.17            | 8.00            |             | ----- |
| Altman's Super A Egg Mash (534)                     | 21.06           | 22.00           | 3.89            | 3.50            | 7.04            | 8.00            |             | ----- |
| Altman's Super A Egg Mash (654)                     | 23.81           | 24.00           | 3.29            | 3.50            | 6.33            | 8.00            |             | ----- |
| Altman's Super A Yaast Egg Mesh (529)               | 21.38           | 22.00           | 4.34            | 3.50            | 6.29            | 8.00            |             | ----- |
| Altman's Supar A Yaest Startar & Broiler (354)      | 20.81           | 18.00           | 3.87            | 3.00            | 6.71            | 8.00            |             | ----- |
| Altman's Quality Egg Mash (528)                     | 18.50           | 18.00           | 4.11            | 3.00            | 7.57            | 9.00            |             | ----- |
| Altman's Yaast Growing Mash (48)                    | 17.63           | 17.00           | 4.06            | 3.00            | 7.21            | 9.00            |             | ----- |
| Altman's Yaest Growing Mash (533)                   | 18.69           | 17.00           | 3.48            | 3.00            | 7.61            | 9.00            |             | ----- |
| Altman's Yaest Turky Daveloper (530)                | 20.63           | 20.00           | 4.03            | 4.00            | 7.52            | 9.00            |             | ----- |
| ANDERSON GRAIN & FEED COMPANY<br>York, Pa.          |                 |                 |                 |                 |                 |                 |             |       |
| Anderson Creta Fattanner (121)                      | 16.19           | 15.00           | 5.15            | 4.00            | 5.75            | 6.00            |             | ----- |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                         | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |       |
|-----------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|-------|
|                                                     | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |       |
| RAYMOND J. BAER<br>Waynesboro, Pa.                  |                 |                 |                 |                 |                 |                 |             |       |
| Baer's Chick Starter<br>(100)                       | 19.81           | 19.00           | 3.36            | 3.25            | 5.26            | 5.50            | -----       | ----- |
| Baer's Growing Mash<br>(101)                        | 17.06           | 17.50           | 3.43            | 3.50            | 5.41            | 5.50            | -----       | ----- |
| Baer's Master Laying Mash<br>(103)                  | 20.19           | 19.00           | 3.36            | 3.00            | 6.03            | 6.00            | -----       | ----- |
| C. D. BELL & SON<br>Hop Bottom, Pa.                 |                 |                 |                 |                 |                 |                 |             |       |
| C. D. Bell's Hen Mash<br>(141)                      | 22.50           | 20.00           | 4.62            | 3.50            | 6.05            | 8.00            | -----       | ----- |
| BEST FEEDS & FARM SUPPLIES, INC.<br>Washington, Pa. |                 |                 |                 |                 |                 |                 |             |       |
| Best Feeds Layer<br>(545)                           | 21.94           | 20.00           | 4.26            | 3.00            | 6.27            | 7.50            | -----       | ----- |
| Best Feeds Super Layer<br>(50)                      | 22.00           | 20.00           | 3.76            | 3.00            | 5.86            | 7.50            | -----       | ----- |
| BLEND & MCGINNIS<br>Atglen, Pa.                     |                 |                 |                 |                 |                 |                 |             |       |
| Miracle Broiler Mash<br>(159)                       | 20.19           | 20.00           | 3.88            | 2.00            | 6.98            | 7.00            | -----       | ----- |
| Miracle Chick Starter<br>(157)                      | 19.69           | 18.00           | 4.24            | 2.00            | 6.50            | 7.00            | -----       | ----- |
| Miracle Egg Mash<br>(158)                           | 20.44           | 20.00           | 3.58            | 2.00            | 7.04            | 7.00            | -----       | ----- |
| W. H. BOHNER<br>Pillow, Pa.                         |                 |                 |                 |                 |                 |                 |             |       |
| Bohner's Growing Mash<br>(306)                      | 14.56           | 16.00           | 4.10            | 4.00            | 7.84            | 8.00            | -----       | ----- |
| Bohner's Laying Mash<br>(307)                       | 14.94           | 16.00           | 4.45            | 4.00            | 6.01            | 8.00            | -----       | ----- |
| D. G. BRANDT & SON<br>Annville, Pa.                 |                 |                 |                 |                 |                 |                 |             |       |
| Blue Ribbon Growing Mash<br>(291)                   | 17.50           | 17.00           | 4.06            | 4.00            | *9.62           | 7.50            | -----       | ----- |
| Blue Ribbon Laying Mash<br>(287)                    | 20.88           | 20.00           | 4.20            | 4.00            | *8.36           | 7.50            | -----       | ----- |
| Blue Ribbon Starter & Broiler Mash<br>(288)         | 19.56           | 18.00           | 4.31            | 4.00            | *9.76           | 7.50            | -----       | ----- |
| GURNEY D. BRANDT<br>Lebanon, Pa.                    |                 |                 |                 |                 |                 |                 |             |       |
| Independent Borough Laying Mash<br>(297)            | 17.19           | 18.00           | *2.97           | 3.50            | 7.46            | 8.00            | -----       | ----- |
| BROWN & REA<br>Atglen, Pa.                          |                 |                 |                 |                 |                 |                 |             |       |
| B & R Laying Mash<br>(160)                          | 20.81           | 20.00           | 4.61            | 3.00            | 6.43            | 9.50            | -----       | ----- |
| BUCKEYE FEED MILLS, INC.<br>Dalton, Ohio            |                 |                 |                 |                 |                 |                 |             |       |
| Buckeye Gold Standard Laying Mash<br>(353)          | 21.19           | 20.00           | 3.76            | 3.00            | 7.88            | 8.50            | -----       | ----- |
| Buckeye Grower & Developer<br>(352)                 | 17.19           | 16.00           | 4.18            | 3.50            | 7.96            | 7.50            | -----       | ----- |
| Buckeye Starter & Grower<br>(351)                   | 19.06           | 18.00           | 4.09            | 3.50            | 6.71            | 7.50            | -----       | ----- |
| S. S. BUCKWALTER<br>Spring City, Pa.                |                 |                 |                 |                 |                 |                 |             |       |
| Buckwalter's Broiler Mash<br>(176)                  | 19.63           | 20.00           | 3.34            | 2.00            | 4.43            | 7.00            | -----       | ----- |
| Buckwalter's Egg Mash<br>(178)                      | 22.69           | 20.00           | 4.03            | 2.00            | *7.81           | 7.00            | -----       | ----- |
| Buckwalter's Starter & Grower<br>(177)              | 19.25           | 16.00           | 3.49            | 2.00            | 5.46            | 7.00            | -----       | ----- |
| F. P. CASSEL'S SON<br>Lansdale, Pa.                 |                 |                 |                 |                 |                 |                 |             |       |
| Thrift Egg Mash Food<br>(325)                       | 19.63           | 17.00           | 4.64            | 4.00            | 5.87            | 9.00            | -----       | ----- |
| Dependable Turkey Mash Food<br>(327)                | 20.63           | 18.00           | 5.87            | 4.00            | 7.21            | 10.00           | -----       | ----- |
| CATAWISSA MILLING COMPANY<br>Catawissa, Pa.         |                 |                 |                 |                 |                 |                 |             |       |
| Kernie's Chick Starter<br>(248)                     | 19.69           | 18.00           | 4.87            | 4.50            | 6.33            | 7.00            | -----       | ----- |
| Kernie's Growing Mash<br>(247)                      | 20.63           | 18.00           | 4.86            | 4.50            | 6.69            | 7.00            | -----       | ----- |
| Kernie's Laying Mash<br>(246)                       | 19.81           | 18.00           | 4.63            | 4.00            | 6.92            | 8.00            | -----       | ----- |
| CLARION ROLLER MILLS<br>Clarion, Pa.                |                 |                 |                 |                 |                 |                 |             |       |
| Premium Chick Starter Mash<br>(230)                 | 21.38           | 20.00           | 5.04            | 3.25            | 7.59            | 7.00            | -----       | ----- |
| Premium Egg Mash<br>(231)                           | 19.13           | 20.00           | 4.88            | 3.25            | 7.23            | 7.50            | -----       | ----- |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-14

| MANUFACTURER AND BRAND NAME                                                                                                                                                                                                                                                                                                                             | PROTEIN                                                                                         |                                                                                                 | FAT                                                                                  |                                                                                      | FIBER                                                                                |                                                                                      | COMPOSITION |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------|--|
|                                                                                                                                                                                                                                                                                                                                                         | Found                                                                                           | Guar.                                                                                           | Found                                                                                | Guar.                                                                                | Found                                                                                | Guar.                                                                                |             |  |
|                                                                                                                                                                                                                                                                                                                                                         | P. ct.                                                                                          | P. ct.                                                                                          | P. ct.                                                                               | P. ct.                                                                               | P. ct.                                                                               | P. ct.                                                                               |             |  |
| CHAMBERSBURG GRAIN & COAL COMPANY<br>Chambersburg, Pa.                                                                                                                                                                                                                                                                                                  |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| W-D Egg Mash (15)<br>W-D Starter & Grower (17)                                                                                                                                                                                                                                                                                                          | 20.31<br>16.25                                                                                  | 18.00<br>5.01                                                                                   | 3.00<br>4.00                                                                         | 7.64<br>5.12                                                                         | 10.00<br>10.00                                                                       |                                                                                      | -----       |  |
| CHESTER COUNTY MILLS, INC.<br>West Chester, Pa.                                                                                                                                                                                                                                                                                                         |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Gro-Rite Growing Mash (172)<br>Lay-More Egg Mash (170)<br>Start-Rite Chick Starter (171)                                                                                                                                                                                                                                                                | 18.06<br>20.94<br>20.25                                                                         | 18.00<br>20.00<br>20.00                                                                         | 3.98<br>4.38<br>4.22                                                                 | 4.30<br>4.20<br>4.30                                                                 | *6.98<br>7.03<br>7.70                                                                | 6.20<br>7.00<br>7.00                                                                 | -----       |  |
| CITY FLOURING MILLS, INC.<br>Muncy, Pa.                                                                                                                                                                                                                                                                                                                 |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Muncy Growing Mash (414)<br>Muncy Laying Mash (409)<br>Muncy Starting & Growing Mash (411)                                                                                                                                                                                                                                                              | 19.13<br>18.19<br>17.00                                                                         | 17.00<br>17.00<br>17.00                                                                         | 4.91<br>4.71<br>4.89                                                                 | 4.00<br>4.00<br>4.00                                                                 | 6.84<br>6.16<br>6.04                                                                 | 7.00<br>7.00<br>7.00                                                                 | -----       |  |
| E. F. CLEMMER<br>Spring Mount, Pa.                                                                                                                                                                                                                                                                                                                      |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Clammer's Special Laying Mash (493)                                                                                                                                                                                                                                                                                                                     | 19.63                                                                                           | 19.00                                                                                           | 4.17                                                                                 | 3.50                                                                                 | 5.98                                                                                 | 7.00                                                                                 | -----       |  |
| COLLEGIAVILLE MILLS<br>Collegavilla, Pa.                                                                                                                                                                                                                                                                                                                |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Improved Growing Mash (484)<br>Improved Laying Mash (483)                                                                                                                                                                                                                                                                                               | 17.31<br>18.00                                                                                  | 18.00<br>19.00                                                                                  | *4.31<br>*4.24                                                                       | 5.00<br>5.00                                                                         | 6.60<br>6.42                                                                         | 6.00<br>6.00                                                                         | -----       |  |
| G. E. CONKEY COMPANY<br>Cleveland, Ohio                                                                                                                                                                                                                                                                                                                 |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Conkay's Y-O Egg Mash (548)                                                                                                                                                                                                                                                                                                                             | 22.81                                                                                           | 20.00                                                                                           | 4.17                                                                                 | 3.50                                                                                 | 7.51                                                                                 | 8.00                                                                                 | -----       |  |
| COOPERATIVE G.L.F. MILLS, INC.<br>Buffalo, N. Y.                                                                                                                                                                                                                                                                                                        |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| G. L. F. Chick Starter (272)<br>G. L. F. Chick Starter (511)<br>G. L. F. Braeder Mash (507)<br>G. L. F. Broiler Mash (609)<br>G. L. F. Growing Mash (273)<br>G. L. F. Growing Mash (510)<br>G. L. F. Growing Mash (607)<br>G. L. F. Laying Mash (271)<br>G. L. F. Laying Mash (508)<br>G. L. F. Laying Mash (603)<br>G. L. F. Turkey Growing Mash (604) | 21.56<br>21.31<br>22.63<br>21.25<br>23.50<br>22.50<br>23.50<br>20.13<br>21.19<br>20.44<br>21.88 | 20.00<br>20.00<br>20.00<br>20.00<br>20.00<br>20.00<br>20.00<br>20.00<br>20.00<br>20.00<br>20.00 | 4.19<br>4.39<br>4.11<br>4.16<br>3.96<br>4.46<br>3.45<br>3.61<br>4.11<br>4.04<br>4.06 | 3.00<br>3.00<br>3.00<br>3.00<br>3.00<br>3.00<br>3.00<br>3.00<br>3.00<br>3.00<br>3.00 | 5.02<br>5.51<br>5.86<br>4.66<br>6.80<br>6.62<br>6.45<br>6.04<br>5.88<br>5.66<br>6.22 | 7.50<br>7.50<br>7.50<br>5.00<br>8.00<br>8.00<br>8.00<br>7.00<br>7.50<br>7.50<br>7.00 | -----       |  |
| CRAWFORD BROTHERS, INC.<br>Walton, N. Y.                                                                                                                                                                                                                                                                                                                |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Growing Mash (524)                                                                                                                                                                                                                                                                                                                                      | 18.44                                                                                           | 18.00                                                                                           | 4.00                                                                                 | 3.50                                                                                 | 7.88                                                                                 | 8.00                                                                                 | -----       |  |
| CUMBERLAND VALLEY COOPERATIVE ASSN.<br>Shippensburg, Pa.                                                                                                                                                                                                                                                                                                |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Old Reliable Vitamin Frash Growing Mash (642)                                                                                                                                                                                                                                                                                                           | 17.81                                                                                           | 17.00                                                                                           | 3.51                                                                                 | 3.50                                                                                 | 7.29                                                                                 | 8.00                                                                                 | -----       |  |
| J. B. CURRY'S SONS<br>Swatara Station, Pa.                                                                                                                                                                                                                                                                                                              |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Curry's Starter & Growing Mash (283)                                                                                                                                                                                                                                                                                                                    | 16.88                                                                                           | 17.00                                                                                           | 4.57                                                                                 | 3.50                                                                                 | 4.46                                                                                 | 7.00                                                                                 | -----       |  |
| DAILY MILLS, INC.<br>Olean, N. Y.                                                                                                                                                                                                                                                                                                                       |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Double Diamond Grower (362)<br>Double Diamond Layer (363)<br>Double Diamond 23% Starter (366)                                                                                                                                                                                                                                                           | 20.31<br>21.94<br>24.69                                                                         | 20.00<br>20.00<br>23.00                                                                         | 4.94<br>4.67<br>4.29                                                                 | 3.50<br>3.50<br>3.50                                                                 | 7.18<br>5.76<br>6.07                                                                 | 7.00<br>7.00<br>7.00                                                                 | -----       |  |
| DAVIS FEED MILL<br>Rushland, Pa.                                                                                                                                                                                                                                                                                                                        |                                                                                                 |                                                                                                 |                                                                                      |                                                                                      |                                                                                      |                                                                                      |             |  |
| Davis Growing Mash (310)<br>Davis Laying Mash (309)<br>Davis Starter Mash (308)                                                                                                                                                                                                                                                                         | 19.88<br>21.44<br>21.31                                                                         | 17.00<br>20.00<br>19.00                                                                         | 4.71<br>4.88<br>*4.39                                                                | 5.00<br>4.00<br>5.00                                                                 | 7.24<br>6.84<br>6.58                                                                 | 7.00<br>7.00<br>7.00                                                                 | -----       |  |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-444

| MANUFACTURER AND BRAND NAME                                                          | PROTEIN |        | FAT    |        | FIBER  |        | COMPOSITION |
|--------------------------------------------------------------------------------------|---------|--------|--------|--------|--------|--------|-------------|
|                                                                                      | Found   | Guar.  | Found  | Guar.  | Found  | Guar.  |             |
|                                                                                      | P. ct.  | P. ct. | P. ct. | P. ct. | P. ct. | P. ct. |             |
| <b>DIAMOND MILLING COMPANY<br/>New Brighton, Pa.</b>                                 |         |        |        |        |        |        |             |
| Diamond Broiler Mash (476)                                                           | 22.44   | 20.00  | 3.84   | 2.00   | *8.00  | 7.00   | -----       |
| Diamond Grower Mash (475)                                                            | 17.81   | 16.00  | 4.26   | 2.00   | 7.04   | 7.00   | -----       |
| Diamond Layer Mash (479)                                                             | 21.50   | 20.00  | 3.82   | 2.50   | 7.54   | 7.00   | -----       |
| Diamond Starter Mash (477)                                                           | 21.44   | 18.00  | 4.03   | 2.00   | *7.86  | 7.00   | -----       |
| <b>DUBLIN MILLING COMPANY, INC.<br/>Dublin, Pa.</b>                                  |         |        |        |        |        |        |             |
| Dublin Laying Mash (26)                                                              | 20.88   | 18.00  | 5.59   | 4.40   | 7.36   | 8.25   | -----       |
| Dublin Starting & Growing Mash (27)                                                  | 19.94   | 18.00  | 5.91   | 4.00   | 7.24   | 8.30   | -----       |
| <b>EAST FAYETTEVILLE ELEVATOR COMPANY<br/>Fayetteville, Pa.</b>                      |         |        |        |        |        |        |             |
| Superior Egg Mash (14)                                                               | 17.88   | 18.00  | 3.69   | 2.00   | 7.36   | 7.00   | -----       |
| <b>EASTERN STATES FARMERS' EXCHANGE<br/>INCORPORATED<br/>West Springfield, Mass.</b> |         |        |        |        |        |        |             |
| All Mash Developer (424)                                                             | 17.38   | 15.50  | 4.66   | 3.00   | 4.98   | 7.00   | -----       |
| All Mash Egg (425)                                                                   | 17.56   | 15.50  | 4.66   | 3.00   | 5.23   | 7.00   | -----       |
| Developer (417)                                                                      | 20.88   | 20.00  | 4.55   | 2.50   | 6.42   | 8.00   | -----       |
| Egg Mash (418)                                                                       | 21.81   | 20.00  | 3.92   | 2.50   | 6.27   | 7.00   | -----       |
| Turkey Grower (427)                                                                  | 21.75   | 20.00  | 4.09   | 2.50   | 5.64   | 7.00   | -----       |
| Pacemaker (426)                                                                      | 22.19   | 20.00  | 4.03   | 3.00   | 2.88   | 4.00   | -----       |
| <b>E. L. M. FEED STORE<br/>Greencastle, Pa.</b>                                      |         |        |        |        |        |        |             |
| E. L. M. Breeder Mash (95)                                                           | 20.19   | 19.00  | 4.44   | 3.50   | 7.53   | 8.00   | -----       |
| E. L. M. Chick Starter & Grower (96)                                                 | 20.56   | 18.00  | 4.64   | 3.50   | 7.44   | 9.00   | -----       |
| E. L. M. Special Egg Mash (93)                                                       | 19.88   | 20.00  | 3.97   | 3.50   | 7.75   | 9.00   | -----       |
| <b>H. S. EMBODY &amp; SON<br/>Perkiomenville, Pa.</b>                                |         |        |        |        |        |        |             |
| Embody's Laying Mash (494)                                                           | 17.88   | 16.00  | 3.92   | 4.00   | 7.84   | 9.00   | -----       |
| <b>H. N. EPPINGER &amp; SONS<br/>New Bedford, Pa.</b>                                |         |        |        |        |        |        |             |
| Eppinger's Laying Mash (465)                                                         | 17.44   | 18.00  | 4.27   | 4.00   | 7.32   | 7.50   | -----       |
| Eppinger's Starting & Growing Mash (464)                                             | 18.19   | 17.00  | 4.88   | 4.00   | 7.79   | 7.50   | -----       |
| <b>JOHN W. ESHELMAN &amp; SONS<br/>Lancaster, Pa.</b>                                |         |        |        |        |        |        |             |
| Eshelman Red Rose Chick Starter (55)                                                 | 21.50   | 20.00  | 4.16   | 3.50   | 5.67   | 6.50   | -----       |
| Eshelman Red Rose Chick Starter (210)                                                | 23.63   | 20.00  | 4.66   | 3.50   | 5.48   | 6.50   | -----       |
| Eshelman Red Rosa Broiler Ration (213)                                               | 20.50   | 20.00  | 3.64   | 3.75   | 5.57   | 7.50   | -----       |
| Eshelman Red Rosa Laying Mash (54)                                                   | 19.81   | 20.00  | 4.54   | 3.50   | 7.20   | 7.50   | -----       |
| Eshelman Red Rosa Laying Mash (221)                                                  | 23.13   | 20.00  | 5.01   | 3.50   | 6.66   | 7.50   | -----       |
| Eshelman Red Rosa Starter & Grower (212)                                             | 19.75   | 18.00  | 4.42   | 3.50   | 7.45   | 7.00   | -----       |
| Eshelman Red Rose Turkey Grower (211)                                                | 22.44   | 20.00  | 4.32   | 3.50   | 7.23   | 8.00   | -----       |
| <b>FLORY MILLING COMPANY, INC.<br/>Bangor, Pa.</b>                                   |         |        |        |        |        |        |             |
| Flory Breeder Mash (278)                                                             | 22.88   | 20.00  | 5.45   | 4.00   | 7.02   | 7.50   | -----       |
| Flory Broiler Mash (282)                                                             | 23.13   | 20.00  | 4.93   | 3.50   | 6.36   | 7.50   | -----       |
| Flory Layer Mash (281)                                                               | 22.19   | 20.00  | 4.72   | 3.50   | 6.48   | 7.50   | -----       |
| Flory Starter Mash (277)                                                             | 23.06   | 20.00  | 4.66   | 3.50   | 5.67   | 7.00   | -----       |
| <b>S. FOUGHT &amp; SON<br/>Hughesville, Pa.</b>                                      |         |        |        |        |        |        |             |
| Fought's Penn State Laying Mash (416)                                                | 17.81   | 18.00  | 4.37   | 3.75   | 5.53   | 10.00  | -----       |
| <b>FREYERMUTH MILLS<br/>Fredonia, Pa.</b>                                            |         |        |        |        |        |        |             |
| Freyermuth Quality Egg Mash (83)                                                     | 18.38   | 20.00  | 4.77   | 4.00   | 7.36   | 7.00   | -----       |
| <b>PAUL H. GEHMAN<br/>Danver, Pa.</b>                                                |         |        |        |        |        |        |             |
| Gehman's Ultra-Lifed Broiler Mash (193)                                              | 21.00   | 22.00  | 5.69   | 4.00   | 7.89   | 6.50   | -----       |
| Gehman's Ultra-Lifed Growing Mash (194)                                              | 19.88   | 18.00  | 4.32   | 3.25   | 7.06   | 8.00   | -----       |
| Gehman's Ultra-Lifed 20% Laying Mash (192)                                           | 22.56   | 20.00  | 4.00   | 3.50   | 6.93   | 8.00   | -----       |
| Gehman's Ultra-Lifed Starting Mash (195)                                             | 21.25   | 20.00  | 4.59   | 3.50   | 6.84   | 7.00   | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                               | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|-----------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                           | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| GENERAL MILLS, INC.<br>Minneapolis, Minn.                 |                 |                 |                 |                 |                 |                 |             |
| Larro Turkey Builder (399)                                | 27.56           | 24.00           | 3.50            | 3.50            | 6.58            | 8.00            | -----       |
| W. G. GODSHALL<br>Morwood, Pa.                            |                 |                 |                 |                 |                 |                 |             |
| Godshall's Special Mash (495)                             | 17.94           | 17.00           | 4.05            | 4.00            | 7.35            | 8.50            | -----       |
| JAMES H. GRAY MILLING COMPANY, INC.<br>Springville, N. Y. |                 |                 |                 |                 |                 |                 |             |
| Super Gramco Laying Mash (372)                            | 22.00           | 20.00           | 4.79            | 4.00            | 6.71            | 8.00            | -----       |
| HARPER FEED MILLS, INC.<br>Washington, Pa.                |                 |                 |                 |                 |                 |                 |             |
| Exchange Growing Mash (44)                                | 21.63           | 17.00           | 3.50            | 3.00            | 4.98            | 7.50            | -----       |
| Exchange Laying Mash (45)                                 | 21.75           | 18.00           | 3.76            | 3.00            | 5.59            | 7.50            | -----       |
| Exchange Laying Mash (535)                                | 22.94           | 18.00           | 3.69            | 3.00            | 5.46            | 7.50            | -----       |
| Harco All Purpose Poultry Pellets (540)                   | 24.06           | 20.00           | 4.43            | 3.00            | 6.02            | 7.50            | -----       |
| Harco Broiler Mash (542)                                  | 21.00           | 18.00           | 3.58            | 3.00            | 7.00            | 7.00            | -----       |
| Harco Complete Starting & Growing Ration (42)             | 21.25           | 17.00           | 3.76            | 3.00            | 4.46            | 7.50            | -----       |
| Harco Complete Starting & Growing Ration (360)            | 19.19           | 17.00           | 4.26            | 3.00            | 5.12            | 7.50            | -----       |
| Harco Complete Starting & Growing Ration (539)            | 21.31           | 17.00           | 3.82            | 3.00            | 5.13            | 7.50            | -----       |
| Harco Laying Mash (538)                                   | 19.56           | 20.00           | 3.64            | 3.00            | 5.17            | 7.00            | -----       |
| Herco Turkey Finisher Mash (544)                          | 19.31           | 15.00           | 4.67            | 3.50            | 6.46            | 7.50            | -----       |
| P. D. HARTZEL'S SONS COMPANY<br>Chalfont, Pa.             |                 |                 |                 |                 |                 |                 |             |
| Perfection Chick Starter (319)                            | 19.88           | 18.00           | 3.01            | 2.00            | 6.66            | 7.00            | -----       |
| Perfection Egg Mash (317)                                 | 20.50           | 20.00           | 2.59            | 2.00            | 6.85            | 7.00            | -----       |
| Perfection Growing Mash (318)                             | 18.44           | 16.00           | 3.57            | 2.00            | 6.59            | 7.00            | -----       |
| I. B. HKIMBACH & SON<br>Eest Greenville, Pa.              |                 |                 |                 |                 |                 |                 |             |
| Victory Egg Mash (482)                                    | 21.06           | 16.50           | 4.54            | 4.00            | 6.76            | 6.50            | -----       |
| I. L. HERR'S<br>Lebanon, Pa.                              |                 |                 |                 |                 |                 |                 |             |
| Herr's Egg Mash (294)                                     | 20.50           | 18.00           | 4.50            | 3.50            | 7.59            | 8.00            | -----       |
| S. H. HIBSTAND & COMPANY<br>Salunge, Pa.                  |                 |                 |                 |                 |                 |                 |             |
| Salunga Broiler Mash (204)                                | 21.56           | 20.00           | 4.29            | 4.00            | 6.52            | 6.00            | -----       |
| Salunga Grower Mash (209)                                 | 19.31           | 17.00           | 4.44            | 4.00            | 7.33            | 7.00            | -----       |
| Salunga Laying Mash (208)                                 | 18.38           | 18.00           | 4.52            | 4.00            | 6.93            | 7.00            | -----       |
| Salunga Starter Mash (205)                                | 19.38           | 18.00           | 4.50            | 4.00            | 7.10            | 7.00            | -----       |
| FRED L. & JOHN E. HOMSHER<br>Strasburg, Pa.               |                 |                 |                 |                 |                 |                 |             |
| Homsher's Chick Starter (182)                             | 21.50           | 20.00           | 3.96            | 3.25            | 5.03            | 7.00            | -----       |
| Homsher's 20% Egg Mash (181)                              | 21.69           | 20.00           | 4.82            | 3.25            | 6.05            | 7.50            | -----       |
| Homsher's Growing Mash (184)                              | 19.38           | 18.00           | 3.68            | 3.25            | 6.07            | 7.50            | -----       |
| HONESDALE FLOUR & FEED COMPANY<br>Honesdale, Pa.          |                 |                 |                 |                 |                 |                 |             |
| Tru-Mix Starting & Growing Mash (453)                     | 19.44           | 18.00           | 4.78            | 4.50            | 5.84            | 5.50            | -----       |
| W. M. HUDSON COMPANY<br>Greensburg, Pa.                   |                 |                 |                 |                 |                 |                 |             |
| Hudson's Best Chick Starter (580)                         | 17.88           | 17.00           | 4.08            | 4.00            | 6.52            | 7.00            | -----       |
| Hudson's Best Egg Mash (578)                              | 19.31           | 20.00           | 3.92            | 4.00            | 7.96            | 7.50            | -----       |
| Hudson's Best Growing Mash (579)                          | 17.88           | 17.00           | *3.96           | 4.50            | 7.52            | 7.50            | -----       |
| HUNTINGER'S MILL<br>Hegins, Pa.                           |                 |                 |                 |                 |                 |                 |             |
| Quality Egg Mash (253)                                    | 21.38           | 20.00           | 5.31            | 4.00            | 7.07            | 7.00            | -----       |
| Quelity Starting Mash (250)                               | 20.56           | 20.00           | 5.24            | 4.00            | 5.75            | 7.00            | -----       |
| JONESTOWN MILLING COMPANY<br>Jonestown, Pa.               |                 |                 |                 |                 |                 |                 |             |
| Ski-Hi Laying Mash (292)                                  | *17.06          | 20.00           | *4.36           | 5.00            | 5.86            | 6.00            | -----       |
| Ski-Hi Starting & Growing Mash (293)                      | *14.44          | 17.00           | 4.64            | 4.00            | *7.14           | 6.00            | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                           | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|-------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                       | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| KASCO MILLS, INC.<br>Weverly, N. Y.                   |                 |                 |                 |                 |                 |                 |             |
| Kasco Egg Producer                                    | (567)           | 20.75           | 20.00           | 4.57            | 3.00            | 7.58            | 7.50        |
| H. B. KRATZ & SONS<br>Schwenksville, Pa.              |                 |                 |                 |                 |                 |                 | -----       |
| Ideal Laying Mash                                     | (487)           | 21.38           | 19.00           | 4.87            | 4.00            | 8.01            | 8.00        |
| Ideal Starting & Growing Mash                         | (488)           | 22.50           | 20.00           | 4.85            | 4.00            | 5.33            | 8.00        |
| Ideel Turkey Starting & Growing<br>Mash               | (490)           | 25.25           | 24.00           | 5.16            | 4.50            | 5.86            | 6.00        |
| KREIDER MILLS<br>Lebanon, Pa.                         |                 |                 |                 |                 |                 |                 |             |
| Kreider Mills Ultre-Lified Broiler<br>Mash            | (381)           | 20.31           | 19.50           | 4.52            | 3.75            | 5.66            | 6.25        |
| Kreider Mills Ultre-Lified Flushing<br>Mash           | (382)           | 21.00           | 20.00           | 4.32            | 4.00            | 6.21            | 7.00        |
| Kreider Mills Ultre-Lified Growing<br>Mash            | (383)           | 17.38           | 16.00           | 3.74            | 3.25            | 5.67            | 8.00        |
| Kreider Mills Ultra-Lified 20%<br>Laying Mash         | (378)           | 22.38           | 20.00           | 4.04            | 3.50            | 6.20            | 8.00        |
| Kreider Mills Ultre-Lified Turkey<br>Starting Mash    | (379)           | 28.38           | 26.00           | 4.38            | 4.25            | 5.78            | 7.50        |
| LEHMASTER ELEVATOR COMPANY<br>Lemasters, Pa.          |                 |                 |                 |                 |                 |                 |             |
| Parnell Egg Mash                                      | (90)            | 23.63           | 19.50           | 3.80            | 4.25            | 6.72            | 7.60        |
| Parnell Starter & Grower                              | (91)            | 19.88           | 18.50           | 4.61            | 4.25            | 6.56            | 6.50        |
| A. F. LEIDY<br>Delphi, Pa.                            |                 |                 |                 |                 |                 |                 |             |
| Leidy's Egg Mash                                      | (491)           | 18.38           | 18.00           | 3.14            | 2.00            | 6.11            | 7.00        |
| L. R. LEVENGOOD ESTATE, INC.<br>Pottstown, Pa.        |                 |                 |                 |                 |                 |                 |             |
| Levengood's Laying Mash                               | (312)           | 16.31           | 18.00           | 4.81            | 3.50            | 7.61            | 7.00        |
| J. R. LEWIS<br>Orson, Pa.                             |                 |                 |                 |                 |                 |                 |             |
| Orson Egg Mash                                        | (447)           | 21.25           | 20.00           | 3.29            | 2.00            | 6.57            | 7.00        |
| LINCOLN HAY & FEED COMPANY<br>Lincoln University, Pa. |                 |                 |                 |                 |                 |                 |             |
| Lincoln 20% Laying Mash                               | (162)           | 21.13           | 20.00           | 4.94            | 3.25            | 6.33            | 8.00        |
| Lincoln Starting Mash                                 | (164)           | 19.94           | 17.00           | 4.68            | 3.50            | 5.88            | 7.00        |
| LYKEN'S VALLEY ROLLER MILLS<br>Millersburg, Pa.       |                 |                 |                 |                 |                 |                 |             |
| Shiffner's Quility Chick Starter                      | (301)           | 18.19           | 18.00           | 3.72            | 2.00            | 6.91            | 7.00        |
| Shiffner's Quality Egg Mash                           | (298)           | 17.50           | 18.00           | 3.21            | 2.00            | 7.58            | 7.00        |
| Shiffner's Quality Growing Mash                       | (300)           | 17.81           | 16.00           | 3.56            | 2.00            | 6.78            | 7.00        |
| MACKEYVILLE FLOUR MILLS<br>Meckeyville, Pa.           |                 |                 |                 |                 |                 |                 |             |
| M. F. M. Growing Mash                                 | (431)           | 19.13           | 18.00           | 4.18            | 4.00            | 7.16            | 8.00        |
| M. F. M. Laying Mash                                  | (430)           | 18.50           | 19.00           | 4.08            | 3.50            | 7.06            | 10.00       |
| M. F. M. Sterter & Grower                             | (429)           | 18.50           | 16.00           | 3.36            | 2.50            | 5.51            | 7.00        |
| MARITIME MILLING COMPANY, INC.<br>Buffelo, N. Y.      |                 |                 |                 |                 |                 |                 |             |
| B-B Complete Chick Starter Retion                     | (127)           | 22.06           | 20.00           | 4.67            | 3.50            | 7.32            | 7.00        |
| B-B Developing Feed                                   | (129)           | 10.63           | 10.00           | 2.76            | 2.00            | 1.72            | 5.00        |
| Doller Maker Egg Mesh                                 | (131)           | 20.75           | 18.00           | 4.31            | 3.50            | 7.98            | 8.50        |
| B-B Egg Mash                                          | (124)           | 22.94           | 20.00           | 3.34            | 3.50            | 6.62            | 8.00        |
| MAUSER MILLING COMPANY<br>Treichlers, Pa.             |                 |                 |                 |                 |                 |                 |             |
| Mauser's Chick Starter                                | (267)           | 22.00           | 18.00           | 4.82            | 4.00            | 5.24            | 7.00        |
| Meuser's Chick Starter & Broiler<br>Mash              | (270)           | 20.69           | 21.00           | 5.11            | 3.50            | 5.95            | 7.50        |
| Mauser's Egg Mash                                     | (268)           | 21.06           | 20.00           | 4.96            | 4.00            | 6.68            | 6.00        |
| Mauser's 20% Egg Mash                                 | (397)           | 19.06           | 20.00           | 3.76            | 4.00            | 8.58            | 8.00        |
| Mauser's Growing Mash                                 | (269)           | 18.06           | 18.00           | 4.39            | 4.00            | 7.35            | 7.50        |
| Mauser's Hen Food                                     | (265)           | 10.19           | 9.00            | 2.51            | 2.00            | 3.12            | 4.00        |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

50-4-44

| MANUFACTURER AND BRAND NAME                                                           | PROTEIN                 |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|---------------------------------------------------------------------------------------|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                                                       | Found<br>P. ct.         | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| <b>MCCOMMON'S FEED MILL<br/>New Castle, Pa.</b>                                       |                         |                 |                 |                 |                 |                 |             |
| McCommon's A-Grade Egg Mash<br>McCommon's Starter & Grower Mash                       | (458)<br>20.06<br>17.50 | 20.00<br>18.00  | 4.50<br>4.88    | 4.50<br>5.00    | 7.21<br>*6.71   | 9.00<br>6.00    | -----       |
| <b>MCMILLEN FEED MILLS<br/>Fort Wayne, Ind.</b>                                       |                         |                 |                 |                 |                 |                 |             |
| Master Mix Chick Starter with<br>Methio-Vite                                          | (56)<br>21.06           | 18.00           | 4.68            | 2.50            | 5.55            | 7.00            | -----       |
| Master Mix Egglac Pellets with<br>Methio-Vite                                         | (58)<br>21.38           | 20.00           | 3.32            | 2.50            | 6.10            | 7.00            | -----       |
| <b>MECHANICSBURG MILLING COMPANY<br/>Mechanicsburg, Pa.</b>                           |                         |                 |                 |                 |                 |                 |             |
| Brandt's O. K. Laying Mash                                                            | (643)<br>20.31          | 18.00           | 3.19            | 3.00            | 5.45            | 8.00            | -----       |
| G. H. MILLER<br>Sidman, Pa.                                                           |                         |                 |                 |                 |                 |                 |             |
| Blue Circle Broiler Mash                                                              | (568)<br>22.50          | 18.00           | *3.43           | 4.00            | *9.58           | 6.00            | -----       |
| Blue Circle Chick Starter Mash                                                        | (571)<br>22.69          | 18.00           | 3.88            | 4.00            | *7.44           | 6.00            | -----       |
| Blue Circle Egg Mash                                                                  | (569)<br>20.38          | 20.00           | *3.28           | 4.00            | *8.66           | 6.00            | -----       |
| Blue Circle Growing Mash                                                              | (575)<br>21.50          | 16.00           | 3.01            | 2.50            | *8.00           | 7.00            | -----       |
| Blue Circle Turkey Finisher                                                           | (577)<br>19.19          | 14.00           | 4.84            | 3.50            | *5.56           | 3.50            | -----       |
| Supreme Egg Mash                                                                      | (570)<br>17.06          | 18.00           | 4.01            | 4.00            | *8.58           | 6.00            | -----       |
| <b>GEORGE Q. MOON &amp; COMPANY, INC.<br/>Binghamton, N. Y.</b>                       |                         |                 |                 |                 |                 |                 |             |
| Moon's Complete Laying Mash                                                           | (526)<br>17.94          | 16.00           | 4.46            | 3.00            | 7.92            | 9.00            | -----       |
| <b>MOSES BROTHERS COMPANY, INC.<br/>Eaton, N. Y.</b>                                  |                         |                 |                 |                 |                 |                 |             |
| Moco Eggetter Mash                                                                    | (518)<br>20.31          | 17.00           | 4.06            | 4.00            | *7.18           | 6.50            | -----       |
| Moco Perfection Starting & Growing<br>Mash                                            | (517)<br>20.81          | 18.00           | 4.50            | 4.00            | 7.56            | 7.00            | -----       |
| <b>MONTGOMERY-BUCKS<br/>FARM BUREAU COOPERATIVE ASSN.<br/>Souderton, Pa.</b>          |                         |                 |                 |                 |                 |                 |             |
| Starting & Growing Mash                                                               | (140)<br>21.50          | 20.00           | 4.52            | 3.50            | 7.42            | 8.00            | -----       |
| Super Laying Mash                                                                     | (138)<br>21.38          | 20.00           | 4.32            | 3.50            | 7.25            | 8.00            | -----       |
| <b>MORLOU FARMS<br/>Fallsington, Pa.</b>                                              |                         |                 |                 |                 |                 |                 |             |
| Morlou Farms Chick Starter                                                            | (499)<br>20.25          | 18.00           | 3.96            | 4.00            | *8.07           | 6.00            | -----       |
| Morlou Farms 20% Egg Mash                                                             | (501)<br>20.75          | 20.00           | 4.33            | 4.00            | *7.94           | 7.50            | -----       |
| Morlou Farms Growing M                                                                | (500)<br>18.13          | 18.00           | 4.17            | 4.00            | *8.18           | 7.00            | -----       |
| <b>MOYER &amp; SON<br/>Souderton, Pa.</b>                                             |                         |                 |                 |                 |                 |                 |             |
| Mash for Laying Hens                                                                  | (133)<br>23.81          | 20.00           | 5.37            | 3.50            | 7.41            | 7.50            | -----       |
| Mash for Pullets                                                                      | (134)<br>18.19          | 19.00           | 4.78            | 3.50            | 7.83            | 8.00            | -----       |
| <b>EDGAR W. MUTH<br/>Springtown, Pa.</b>                                              |                         |                 |                 |                 |                 |                 |             |
| Muth's Chick Starter                                                                  | (151)<br>21.19          | 17.00           | 4.59            | 4.00            | 6.47            | 6.00            | -----       |
| Muth's Egg Mash                                                                       | (150)<br>20.00          | 17.00           | 4.37            | 3.50            | 6.52            | 8.00            | -----       |
| <b>NYCE SUPPLY YARDS<br/>New Britain, Pa.</b>                                         |                         |                 |                 |                 |                 |                 |             |
| Gilt Edge Chick Starter                                                               | (19)<br>20.44           | 20.00           | 4.57            | 3.00            | 6.40            | 7.50            | -----       |
| Gilt Edge Laying Mash                                                                 | (18)<br>20.63           | 20.00           | 4.12            | 3.00            | 7.53            | 7.50            | -----       |
| <b>PENNSYLVANIA FARM BUREAU<br/>COOPERATIVE ASSOCIATION, INC.<br/>Harrisburg, Pa.</b> |                         |                 |                 |                 |                 |                 |             |
| P. F. B. Super Laying Mash                                                            | (65)<br>21.56           | 20.00           | 4.00            | 3.50            | 6.03            | 8.00            | -----       |
| P. F. B. Super Laying Mash                                                            | (89)<br>22.00           | 20.00           | 4.24            | 3.50            | 6.41            | 8.00            | -----       |
| P. F. B. Starting & Growing Mash                                                      | (88)<br>21.69           | 20.00           | 4.42            | 3.50            | 5.94            | 7.00            | -----       |
| P. F. B. Starting & Growing Mash                                                      | (104)<br>22.25          | 20.00           | 4.11            | 3.50            | 5.74            | 7.00            | -----       |
| <b>PETERSBURG MILLING COMPANY<br/>Petersburg, Ohio</b>                                |                         |                 |                 |                 |                 |                 |             |
| Pemico Egg Mash                                                                       | (473)<br>20.13          | 20.00           | 3.80            | 2.50            | 6.46            | 7.00            | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                        | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |       |
|----------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|-------|
|                                                    | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |       |
| PINE RUN FARM SUPPLY<br>Doylestown, Pa.            |                 |                 |                 |                 |                 |                 |             |       |
| Pine Run Egg Mash<br>Pine Run Starter & Grower     | (148)<br>19.19  | 20.00<br>17.00  | 4.52<br>4.63    | 4.50<br>4.50    | 6.86<br>7.03    | 7.00<br>6.50    | -----       |       |
| PINOLA ELEVATOR COMPANY<br>Shippensburg, Pa.       |                 |                 |                 |                 |                 |                 |             |       |
| Rowe Egg Mash                                      | ( 10)           | 18.38           | 18.00           | 4.04            | 2.00            | 5.79            | 7.00        | ----- |
| PRIMEX MILLS<br>Glenside, Pa.                      |                 |                 |                 |                 |                 |                 |             |       |
| Primex Laying Mash                                 | (503)           | 22.81           | 20.00           | 4.70            | 3.00            | 8.17            | 8.00        | ----- |
| THE QUAKER OATS COMPANY<br>Chicago, Ill.           |                 |                 |                 |                 |                 |                 |             |       |
| Ful-O-Pep Chick Starter                            | ( 53)           | 19.25           | 18.00           | 5.37            | 4.00            | 5.64            | 8.00        | ----- |
| Ful-O-Pep Chick Starter                            | (586)           | 20.00           | 18.00           | 5.24            | 4.00            | 6.69            | 8.00        | ----- |
| Ful-O-Pep Laying Mash                              | (284)           | 20.56           | 20.00           | 4.48            | 3.50            | 8.21            | 8.00        | ----- |
| Ful-O-Pep Laying Mash                              | (523)           | 22.69           | 20.00           | 3.36            | 3.50            | 6.88            | 8.00        | ----- |
| Ful-O-Pep Laying Mash                              | (585)           | 20.25           | 20.00           | 4.79            | 3.50            | 7.86            | 8.00        | ----- |
| RALSTON PURINA COMPANY<br>St. Louis, Mo.           |                 |                 |                 |                 |                 |                 |             |       |
| Purina Chicken Fatema                              | (122)           | 17.50           | 14.00           | 4.29            | 3.00            | 7.28            | 8.00        | ----- |
| Purina Layena (Complete Ration)                    | (120)           | 15.63           | 15.50           | 4.51            | 3.00            | 7.23            | 8.00        | ----- |
| Purina Layena (Complete Ration)                    | (527)           | 17.13           | 15.50           | 4.48            | 3.00            | 6.61            | 8.00        | ----- |
| RED LION MILLING COMPANY<br>Red Lion, Pa.          |                 |                 |                 |                 |                 |                 |             |       |
| Red Lion Unexcelled Egg Mash                       | (552)           | 21.13           | 20.00           | 4.29            | 3.00            | 6.31            | 7.50        | ----- |
| Red Lion Unexcelled Starter-Grower                 | (553)           | 17.44           | 17.00           | 4.24            | 3.00            | 6.11            | 8.00        | ----- |
| REED MILLING COMPANY<br>Brookville, Pa.            |                 |                 |                 |                 |                 |                 |             |       |
| Triangle Chick Starter                             | {227}           | 19.50           | 18.00           | 4.09            | 3.00            | 5.41            | 6.00        | ----- |
| Triangle 20% Laying Mash                           | (226)           | 22.19           | 20.00           | 4.28            | 4.00            | 7.75            | 8.00        | ----- |
| THE RICHARDS MILLING COMPANY<br>Cortland, Ohio     |                 |                 |                 |                 |                 |                 |             |       |
| Richards Cash Laying Mash fortified<br>with Richnu | (581)           | 21.25           | 20.00           | 4.22            | 3.00            | 7.40            | 8.50        | ----- |
| Richards Thrift Laying Mash                        | (525)           | 21.50           | 20.00           | 4.65            | 3.00            | 6.97            | 8.50        | ----- |
| RICHLAND FEED COMPANY<br>Richlandtown, Pa.         |                 |                 |                 |                 |                 |                 |             |       |
| Richland All-Mash Starter & Grower                 | (153)           | 20.75           | 16.00           | 4.44            | 4.00            | 6.16            | 8.00        | ----- |
| Richland Laying Mash                               | (154)           | 21.81           | 18.00           | 4.42            | 4.00            | 7.10            | 7.00        | ----- |
| J. S. RILEY & COMPANY<br>New Castle, Pa.           |                 |                 |                 |                 |                 |                 |             |       |
| Pioneer Growing Mash                               | (468)           | 18.38           | 17.50           | 5.00            | 3.00            | 6.20            | 8.00        | ----- |
| Pioneer Laying Mash "Super"                        | (467)           | 19.38           | 18.00           | 4.96            | 3.00            | 5.92            | 8.00        | ----- |
| Pioneer Starting Mash                              | (469)           | 21.25           | 20.00           | 5.24            | 3.00            | 5.76            | 8.00        | ----- |
| ROARING CREEK MILL<br>Catawissa, Pa.               |                 |                 |                 |                 |                 |                 |             |       |
| Must Gro Growing Mash                              | (242)           | 19.13           | 20.00           | 4.03            | 3.50            | 6.59            | 8.00        | ----- |
| Must Lay Egg Mash                                  | (243)           | 19.75           | 20.00           | 4.12            | 3.50            | 6.27            | 8.00        | ----- |
| Must Liv & Gro Chick Starter                       | (244)           | 20.44           | 20.00           | 4.23            | 3.50            | 5.24            | 8.00        | ----- |
| ROBERTS' FEED MILL<br>Peckville, Pa.               |                 |                 |                 |                 |                 |                 |             |       |
| Rob-Rose 18% Laying Mash                           | (521)           | 20.88           | 18.00           | 5.43            | 3.50            | 6.72            | 6.50        | ----- |
| Rob-Rose Starter & Grower                          | (522)           | 22.44           | 19.00           | 4.16            | 4.00            | 6.33            | 6.00        | ----- |
| ROUX FEED MILLS<br>Sharon, Pa.                     |                 |                 |                 |                 |                 |                 |             |       |
| Roux Blue Ribbon Egg Mash                          | ( 6)            | 18.00           | 18.00           | 3.32            | 3.00            | 7.69            | 8.00        | ----- |
| Roux Egg Mash                                      | ( 5)            | 21.25           | 20.00           | 3.26            | 3.00            | 7.91            | 8.00        | ----- |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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| MANUFACTURER AND BRAND NAME                     | PROTEIN |        | FAT    |        | FIBER  |        | COMPOSITION |
|-------------------------------------------------|---------|--------|--------|--------|--------|--------|-------------|
|                                                 | Found   | Guar.  | Found  | Guar.  | Found  | Guar.  |             |
| P. ct.                                          | P. ct.  | P. ct. | P. ct. | P. ct. | P. ct. | P. ct. |             |
| S & R FEED COMPANY<br>Quakertown, Pa.           |         |        |        |        |        |        |             |
| S & R All purpose Mash (322)                    | 18.50   | 18.00  | 4.08   | 3.00   | 8.72   | 9.00   | -----       |
| S & R Growing Mash (323)                        | 19.19   | 18.00  | 4.55   | 3.00   | 6.62   | 8.00   | -----       |
| S & R Laying Mash (321)                         | 21.63   | 20.00  | 5.02   | 3.00   | 7.06   | 8.00   | -----       |
| SACRAMENTO ROLLER MILLS<br>Sacramento, Pa.      |         |        |        |        |        |        |             |
| Sacromill Egg Mash (254)                        | 19.06   | 20.00  | 5.14   | 3.00   | 7.09   | 7.00   | -----       |
| Sacromill Starting Mash (256)                   | 15.44   | 17.00  | 3.97   | 2.50   | 7.69   | 7.00   | -----       |
| EARL SAUDER<br>New Holland, Pa.                 |         |        |        |        |        |        |             |
| Sauder Flushing Feed (188)                      | 14.31   | 12.00  | 7.07   | 4.50   | 2.48   | 4.50   | -----       |
| SCOTLAND ELEVATOR COMPANY<br>Scotland, Pa.      |         |        |        |        |        |        |             |
| Quality Laying Mash (11)                        | 20.06   | 20.00  | 4.29   | 3.00   | 7.80   | 7.50   | -----       |
| SHANK'S MILL<br>Waynesboro, Pa.                 |         |        |        |        |        |        |             |
| Shank's Egg Mash (99)                           | 18.00   | 17.00  | 4.00   | 3.50   | 7.70   | 7.00   | -----       |
| SHELLY BROTHERS<br>Perkasie, Pa.                |         |        |        |        |        |        |             |
| Shelly Brothers Quality Chick<br>Starter (35)   | 19.06   | 20.00  | 5.01   | 3.50   | 7.07   | 6.50   | -----       |
| Shelly Brothers Quality Laying<br>Mash (34)     | 20.63   | 20.00  | 5.32   | 4.00   | 7.41   | 7.00   | -----       |
| H. K. SHENK<br>Sheridan, Pa.                    |         |        |        |        |        |        |             |
| Shenk's Ultra-Lifed Broiler Mash (347)          | 19.31   | 19.50  | 3.29   | 3.50   | 6.11   | 6.50   | -----       |
| Shenk's Ultra-Lifed Growing Mash (349)          | 17.19   | 16.00  | 3.83   | 4.00   | 6.77   | 8.00   | -----       |
| Shenk's Ultra-Lifed 20% Laying<br>Mash (348)    | 21.81   | 20.00  | 2.74   | 3.25   | 7.05   | 8.00   | -----       |
| Shenk's Ultra-Lifed Starting Mash (350)         | 20.50   | 17.00  | 3.69   | 4.00   | 6.87   | 7.00   | -----       |
| SNYDER MILLING COMPANY<br>Nazareth, Pa.         |         |        |        |        |        |        |             |
| Gold Star Chick Starter (263)                   | 22.44   | 20.00  | 5.13   | 4.50   | 6.05   | 6.00   | -----       |
| Gold Star Laying Mash (264)                     | 20.69   | 20.00  | 4.73   | 4.00   | 6.47   | 7.00   | -----       |
| ESTATE OF GEO. S. SNYDER, INC.<br>Hatfield, Pa. |         |        |        |        |        |        |             |
| Snyder's Growing Mash (143)                     | 16.13   | 17.00  | 3.82   | 4.00   | 7.70   | 7.00   | -----       |
| Snyder's Starting Mash (142)                    | 19.38   | 17.00  | 4.00   | 4.00   | 7.60   | 7.00   | -----       |
| SOUTH PERKASIE MILLS<br>South Perkasie, Pa.     |         |        |        |        |        |        |             |
| White Rose Laying Mash (32)                     | 19.44   | 20.00  | 3.72   | 2.00   | 6.24   | 7.00   | -----       |
| SPENCER MILLING COMPANY<br>Thompson, Pa.        |         |        |        |        |        |        |             |
| Spencer's Laying Mash (445)                     | 21.88   | 20.00  | 4.42   | 2.50   | 7.02   | 7.00   | -----       |
| STEARNS MILL<br>Kingsley, Pa.                   |         |        |        |        |        |        |             |
| Stearns Starting & Growing Mash (455)           | 21.63   | 18.00  | 3.95   | 3.50   | 7.16   | 8.00   | -----       |
| EDWIN F. STOVER ESTATE<br>Perkasie, Pa.         |         |        |        |        |        |        |             |
| Stover Broiler Mash (38)                        | 19.88   | 18.00  | 4.64   | 4.00   | 6.90   | 7.00   | -----       |
| Stover's Diamond Growing Mash (39)              | 22.13   | 18.00  | 4.68   | 3.50   | 6.55   | 7.00   | -----       |
| Stover's Diamond Laying Mash (40)               | 19.63   | 20.00  | 4.72   | 3.50   | 7.01   | 8.00   | -----       |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                                                                   | PROTEIN                                             |                         | FAT                  |                      | FIBER                  |                      | COMPOSITION |       |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|----------------------|----------------------|------------------------|----------------------|-------------|-------|
|                                                                                               | Found<br>P. ct.                                     | Guar.<br>P. ct.         | Found<br>P. ct.      | Guar.<br>P. ct.      | Found<br>P. ct.        | Guar.<br>P. ct.      |             |       |
| STUDEBAKER & FAWCETT<br>Enon Valley, Pa.                                                      |                                                     |                         |                      |                      |                        |                      |             |       |
| Valley Chick Starter & Grower<br>Valley 19% Laying Mash                                       | (472)<br>22.06<br>22.56                             | 20.00<br>19.00          | 4.32<br>3.72         | 3.00<br>3.00         | 8.25<br>6.34           | 10.00<br>10.00       | -----       | ----- |
| P. O. SUNDAY<br>Carlisle, Pa.                                                                 |                                                     |                         |                      |                      |                        |                      |             |       |
| Cumberland Lay Mash                                                                           | (634)<br>19.81                                      | 20.00                   | 4.35                 | 4.00                 | 5.93                   | 8.00                 | -----       | ----- |
| SWINGLE BROTHERS<br>Lake Ariel, Pa.                                                           |                                                     |                         |                      |                      |                        |                      |             |       |
| Direct Laying Mash                                                                            | (436)<br>18.13                                      | 18.00                   | 4.78                 | 4.00                 | 8.67                   | 9.00                 | -----       | ----- |
| THRIFT FEED MILLS, INC.<br>Doylestown, Pa.                                                    |                                                     |                         |                      |                      |                        |                      |             |       |
| Thriftee Egg Mash<br>Thriftee Starting Mash                                                   | (22)<br>20.50<br>(23)<br>21.19                      | 20.00<br>20.00          | 4.37<br>4.17         | 2.50<br>2.50         | 7.54<br>6.44           | 8.00<br>7.50         | -----       | ----- |
| THOMPSON & MATEJA<br>New Wilmington, Pa.                                                      |                                                     |                         |                      |                      |                        |                      |             |       |
| T & M 20% Egg Mash<br>T & M Growing Mash                                                      | (462)<br>21.88<br>(463)<br>18.38                    | 20.00<br>17.00          | 2.89<br>3.35         | 2.50<br>2.50         | 6.26<br>5.09           | 7.00<br>7.00         | -----       | ----- |
| THORPE, BAKER & COMPANY<br>Carbondale, Pa.                                                    |                                                     |                         |                      |                      |                        |                      |             |       |
| Red Tag Laying & Breeding Mash<br>Red Tag Starting & Growing Mash                             | (514)<br>22.94<br>(515)<br>22.69                    | 19.00<br>19.00          | 4.59<br>4.69         | 3.00<br>3.00         | 7.03<br>6.29           | 8.00<br>8.00         | -----       | ----- |
| JACOB TRINLEY & SONS, INC.<br>Linfield, Pa.                                                   |                                                     |                         |                      |                      |                        |                      |             |       |
| Limerick Laying Mash<br>Real Egg & Breeder Mash                                               | (316)<br>19.81<br>(315)<br>20.94                    | 18.00<br>20.00          | 4.21<br>4.78         | 3.50<br>3.00         | 8.71<br>5.87           | 8.00<br>7.00         | -----       | ----- |
| VANDERVORT MILLS, INC.<br>Laceyville, Pa.                                                     |                                                     |                         |                      |                      |                        |                      |             |       |
| Vandervort's Chick Grower<br>Vandervort's Laying Mash                                         | (594)<br>20.50<br>(439)<br>19.31                    | 20.00<br>20.00          | 4.12<br>4.23         | 3.50<br>4.00         | 6.29<br>*9.02          | 7.00<br>8.00         | -----       | ----- |
| VITALITY MILLS, INC.<br>Chicago, Ill.                                                         |                                                     |                         |                      |                      |                        |                      |             |       |
| Vitality Brand Broiler Ration<br>Vitality Brand Egg Producer<br>Vitality Brand Growing Ration | (659)<br>20.19<br>(660)<br>20.75<br>(661)<br>18.19  | 19.00<br>20.00<br>18.00 | 4.28<br>4.37<br>4.73 | 3.00<br>3.00<br>3.00 | 6.63<br>7.35<br>7.31   | 7.50<br>8.00<br>7.50 | -----       | ----- |
| VOLANT MILLS<br>Volant, Pa.                                                                   |                                                     |                         |                      |                      |                        |                      |             |       |
| Volant Mills 20% Egg Mash<br>Volant Mills 15% Developer<br>Volant Mills Starting Mash         | (460)<br>*17.88<br>(461)<br>14.88<br>(459)<br>20.13 | 20.00<br>15.00<br>18.00 | 3.64<br>4.03<br>4.66 | 4.00<br>4.00<br>4.00 | 7.36<br>6.75<br>6.34   | 7.50<br>7.50<br>7.00 | -----       | ----- |
| WADSWORTH FEED COMPANY<br>Warren, Pa.                                                         |                                                     |                         |                      |                      |                        |                      |             |       |
| Superior Laying Mash<br>Superior Starting & Growing Mash                                      | (566)<br>21.88<br>(562)<br>17.31                    | 20.00<br>17.00          | 4.59<br>4.51         | 4.50<br>4.00         | 7.39<br>5.19           | 7.00<br>6.00         | -----       | ----- |
| C. L. WALKER & SONS<br>Elizabethville, Pa.                                                    |                                                     |                         |                      |                      |                        |                      |             |       |
| Walker's Chick Starter<br>Walker's Grower<br>Walker's Laying Mash                             | (304)<br>17.63<br>(305)<br>18.56<br>(302)<br>19.13  | 16.50<br>15.50<br>20.00 | 4.34<br>4.66<br>4.44 | 4.00<br>4.00<br>5.00 | *7.37<br>*7.64<br>8.00 | 5.50<br>5.50<br>7.50 | -----       | ----- |
| WAYMART MILLING COMPANY<br>Waymart, Pa.                                                       |                                                     |                         |                      |                      |                        |                      |             |       |
| Way Best Laying & Breeding Mash                                                               | (448)<br>22.25                                      | 20.00                   | 5.33                 | 4.00                 | 6.32                   | 7.00                 | -----       | ----- |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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| MANUFACTURER AND BRAND NAME                              | PROTEIN |        | FAT    |        | FIBER  |        | COMPOSITION |
|----------------------------------------------------------|---------|--------|--------|--------|--------|--------|-------------|
|                                                          | Found   | Guar.  | Found  | Guar.  | Found  | Guar.  |             |
|                                                          | P. ct.  | P. ct. | P. ct. | P. ct. | P. ct. | P. ct. |             |
| C. P. WENGER & SONS<br>Ephrata, Pa.                      |         |        |        |        |        |        | -----       |
| Wenger's Chick Starter (203)                             | 21.56   | 16.00  | 4.94   | 4.00   | 7.55   | 7.00   | -----       |
| Wenger's Broiler Mash (201)                              | 26.69   | 22.00  | 3.63   | 4.00   | 5.45   | 7.00   | -----       |
| Wenger's Growing Mash with Butter-milk & Meat Meal (202) | 20.50   | 18.00  | 4.66   | 3.00   | *8.46  | 7.00   | -----       |
| Wenger's Hi Protein Starter (197)                        | 26.31   | 22.00  | 4.81   | 4.00   | 6.14   | 7.00   | -----       |
| Wenger's Laying Mash with Butter-milk & Meat Meal (198)  | 23.06   | 18.00  | 4.98   | 3.00   | 6.23   | 7.00   | -----       |
| Wenger's Poultry Mash (200)                              | 25.50   | 22.00  | 4.79   | 3.00   | 5.92   | 7.00   | -----       |
| C. E. WOOLEVER<br>Catawissa, Pa.                         |         |        |        |        |        |        | -----       |
| Millgrove Chief Egg Mash 18% (240)                       | 18.06   | 18.00  | 3.47   | 2.00   | 6.16   | 7.00   | -----       |
| Millgrove Chief Egg Mash 20% (239)                       | 20.69   | 20.00  | 3.57   | 2.00   | 7.00   | 7.00   | -----       |
| Millgrove Chief Growing Mash (238)                       | 17.00   | 16.00  | 3.72   | 2.00   | 6.42   | 7.00   | -----       |
| WHITMOYER LABORATORIES, INC.<br>Myerstown, Pa.           |         |        |        |        |        |        | -----       |
| Protosep Pellets (342)                                   | 22.13   | 19.00  | 8.88   | 4.00   | 5.99   | 7.00   | -----       |
| Whitmoyer Booster Pellets (343)                          | 26.94   | 24.00  | 5.90   | 5.00   | 6.84   | 8.75   | -----       |
| YARDLEY MILL<br>J. A. CADWALLADER<br>Yardley, Pa.        |         |        |        |        |        |        | -----       |
| Afton Egg Mash (497)                                     | 18.00   | 20.00  | 2.61   | 2.50   | 7.22   | 7.00   | -----       |
| Afton Starter (498)                                      | 19.44   | 18.00  | 2.79   | 2.50   | 6.33   | 7.00   | -----       |
| F. S. YOST'S SON<br>Pleasantville, Pa.                   |         |        |        |        |        |        | -----       |
| Yost's S. P. Mash (156)                                  | 17.63   | 17.00  | 4.72   | 3.00   | 7.70   | 8.00   | -----       |
| Average                                                  | 20.12   | ----   | 4.26   | ----   | 6.71   | ----   | -----       |
| <u>MIXING CONCENTRATES</u>                               |         |        |        |        |        |        |             |
| WHITMOYER LABORATORIES, INC.<br>Myerstown, Pa.           |         |        |        |        |        |        | -----       |
| Clo-Meal (340)                                           | 38.94   | 38.06  | 17.04  | 10.00  | 1.37   | 3.75   | -----       |
| Flav-A-Dee (339)                                         | 28.75   | 24.00  | 20.72  | 18.00  | 6.99   | 10.00  | -----       |
| Gro-Tein (341)                                           | 49.94   | 45.00  | 13.74  | 4.00   | 0.76   | 5.50   | -----       |
| Average                                                  | 39.21   | ----   | 17.17  | ----   | 3.04   | ----   | -----       |
| <u>OAT BY-PRODUCTS</u>                                   |         |        |        |        |        |        |             |
| RALSTON PURINA COMPANY<br>St. Louis, Mo.                 |         |        |        |        |        |        | -----       |
| Oat Mill Feed (61)                                       | 8.31    | 9.00   | 3.09   | 2.00   | 22.20  | 24.00  | -----       |
| Average                                                  | 8.31    | --     | 3.09   | ----   | 22.20  | ----   | -----       |
| <u>OIL CAKE BY-PRODUCTS</u>                              |         |        |        |        |        |        |             |
| <u>Cottonseed Oil Meal</u>                               |         |        |        |        |        |        |             |
| THE BRODE CORPORATION<br>Memphis, Tenn.                  |         |        |        |        |        |        | -----       |
| Owl Brand 41% Prime Cottonseed Meal (395)                | 40.94   | 41.00  | 6.83   | 5.00   | 10.64  | 13.00  | -----       |
| GREEN-MISH COMPANY<br>Washington, D. C.                  |         |        |        |        |        |        | -----       |
| "Green Tag Prime" Cotton Seed Meal (556)                 | 41.25   | 41.00  | 6.19   | 5.00   | 10.39  | 13.00  | -----       |
| SOUTHERN COTTON OIL COMPANY<br>Goldsboro, N. C.          |         |        |        |        |        |        | -----       |
| Sco-Co 36% Protein Cottonseed Meal (406)                 | 35.56   | 36.00  | 5.44   | 4.50   | 14.92  | 16.00  | -----       |
| Average                                                  | 39.35   | ----   | 6.82   | ----   | 11.98  | ----   | -----       |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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| MANUFACTURER AND BRAND NAME                                                  | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                                              | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| <u>Linseed Oil Meal</u>                                                      |                 |                 |                 |                 |                 |                 |             |
| MINNESOTA LINSEED COMPANY<br>Minneapolis, Minn.                              |                 |                 |                 |                 |                 |                 |             |
| 34% Protein Old Process Linseed<br>Meal (393)                                | 33.50           | 34.00           | 5.21            | 4.50            | 8.53            | 9.00            | -----       |
| Average                                                                      | 33.50           | ----            | 5.21            | ----            | 8.53            | ----            |             |
| <u>Peanut Oil Meal</u>                                                       |                 |                 |                 |                 |                 |                 |             |
| ASHCRAFT-WILKINSON COMPANY<br>Atlanta, Ga.                                   |                 |                 |                 |                 |                 |                 |             |
| Hi-Pro Brand Prima Peanut Meal 41% (407)                                     | 39.63           | 41.00           | 6.98            | 6.00            | *18.87          | 16.00           | -----       |
| Average                                                                      | 39.63           | ----            | 6.98            | ----            | 18.87           | ----            |             |
| <u>Soybean Oil Meal</u>                                                      |                 |                 |                 |                 |                 |                 |             |
| COOPERATIVE FEED DEALERS, INC.<br>Binghamton, N. Y.                          |                 |                 |                 |                 |                 |                 |             |
| C. F. D.'s V-D2 (599)                                                        | 41.31           | 40.00           | 5.63            | 0.50            | 5.93            | 7.00            | -----       |
| SWIFT & COMPANY<br>Chicago, Ill.                                             |                 |                 |                 |                 |                 |                 |             |
| Swift's Soybean Oil Meal Pellets (394)                                       | 43.50           | 42.00           | 4.67            | 3.50            | 5.41            | 7.00            | -----       |
| Average                                                                      | 42.50           | ----            | 5.15            | ----            | 5.67            | ----            |             |
| <u>POULTRY CONCENTRATES</u>                                                  |                 |                 |                 |                 |                 |                 |             |
| EASTERN STATES FARMERS' EXCHANGE<br>INCORPORATED<br>West Springfield, Mass.  |                 |                 |                 |                 |                 |                 |             |
| Hen Supplament (419)                                                         | 30.50           | 30.00           | 4.81            | 3.50            | 6.27            | 7.00            | -----       |
| KREIDER MILLS<br>Lebanon, Pa.                                                |                 |                 |                 |                 |                 |                 |             |
| Manamar 32% Poultry Supplement (380)                                         | 33.06           | 32.00           | 5.29            | 4.50            | 7.77            | 8.00            | -----       |
| PENNSYLVANIA FARM BUREAU<br>COOPERATIVE ASSOCIATION, INC.<br>Harrisburg, Pa. |                 |                 |                 |                 |                 |                 |             |
| P. F. B. 32% Poultry Supplement (64)                                         | 34.00           | 32.00           | 4.34            | 3.50            | 6.91            | 8.00            | -----       |
| MCMILLEN FEED MILLS<br>Fort Wayne, Ind.                                      |                 |                 |                 |                 |                 |                 |             |
| Master Mix Leying Mash Concentrata (57)                                      | 33.06           | 34.00           | 2.58            | 1.50            | 8.56            | 9.00            | -----       |
| Average                                                                      | 32.66           | ----            | 4.51            | ----            | 7.23            | ----            |             |
| <u>SCRATCH FEED</u>                                                          |                 |                 |                 |                 |                 |                 |             |
| R. S. ALTMAN<br>Irwin, Pa.                                                   |                 |                 |                 |                 |                 |                 |             |
| Altman's Scratch Feed (561)                                                  | 11.25           | 8.00            | 2.22            | 2.00            | 2.84            | 4.50            | -----       |
| JOHN W. ESHELMAN & SONS<br>Lancaster, Pa.                                    |                 |                 |                 |                 |                 |                 |             |
| Eshelman Red Rose Chick Grains (223)                                         | 12.13           | 10.00           | 3.89            | 2.50            | 2.05            | 3.00            | -----       |
| Eshelman Red Rose Scratch Grains (222)                                       | 10.50           | 9.00            | 3.22            | 2.00            | 3.24            | 4.00            | -----       |
| HARPER FEED MILLS, INC.<br>Washington, Pa.                                   |                 |                 |                 |                 |                 |                 |             |
| Harco Scratch Grains (536)                                                   | 11.69           | 9.50            | 3.62            | 2.50            | 5.50            | 5.00            | -----       |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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| MANUFACTURER AND BRAND NAME                                           | PROTEIN        |                | FAT           |              | FIBER        |              | COMPOSITION |
|-----------------------------------------------------------------------|----------------|----------------|---------------|--------------|--------------|--------------|-------------|
|                                                                       | Found          | Guar.          | Found         | Guar.        | Found        | Guar.        |             |
|                                                                       | P. ct.         | P. ct.         | P. ct.        | P. ct.       | P. ct.       | P. ct.       |             |
| MARITIME MILLING COMPANY, INC.<br>Buffalo, N. Y.                      |                |                |               |              |              |              | -----       |
| Daisy Scratch Feed (125)                                              | 10.50          | 9.00           | 2.93          | 2.50         | 3.09         | 6.00         | -----       |
| SNYDER MILLING COMPANY<br>Nazareth, Pa.                               |                |                |               |              |              |              | -----       |
| Gold Star Scratch Feed (259)                                          | 11.31          | 9.00           | 2.91          | 2.50         | 2.73         | 4.00         | -----       |
| ZECHMAN'S FLOUR MILLS<br>Pottsgrove, Pa.                              |                |                |               |              |              |              | -----       |
| Zechman's Scratch Feed (237)                                          | 10.81          | 10.00          | 2.82          | 2.50         | 3.20         | 4.00         | -----       |
| Average                                                               | 11.17          | ----           | 3.09          | ----         | 3.28         | ----         | -----       |
| <u>SMALL ANIMAL FEED</u>                                              |                |                |               |              |              |              |             |
| ALLEN PRODUCTS COMPANY<br>Allentown, Pa.                              |                |                |               |              |              |              | -----       |
| Al-Po All Beef Dog Food (Frozen) (649)                                | 16.49          | 18.00          | 8.72          | 2.50         | 0.30         | 0.50         | -----       |
| Al-Po Cubed Meat Dog Food (645)                                       | *14.55         | 18.00          | *2.10         | 2.50         | 0.24         | 0.50         | -----       |
| Al-Po Cubed Meat Dog Food (Frozen) (650)                              | 23.63          | 18.00          | 3.67          | 2.50         | 0.29         | 0.50         | -----       |
| Al-Po Diced Lamb Dog Food (647)                                       | *16.05         | 19.50          | 5.38          | 3.00         | 0.13         | 0.50         | -----       |
| Al-Po 100% Lamb Tripe for Dogs (648)                                  | 13.76          | ----           | 2.09          | ----         | 0.08         | ----         | -----       |
| CANINE FOOD & PRODUCTS COMPANY<br>Philadelphia, Pa.                   |                |                |               |              |              |              | -----       |
| "Trim" (1)                                                            | 22.66          | 18.00          | *2.30         | 12.00        | 0.11         | ----         | -----       |
| "Trim" (2)                                                            | 18.56          | 18.00          | 16.18         | 12.00        | 0.09         | ----         | -----       |
| "Trim" (664)                                                          | 20.65          | 18.00          | *3.21         | 12.00        | 0.18         | ----         | -----       |
| JOHN W. ESHELMAN & SONS<br>Lancaster, Pa.                             |                |                |               |              |              |              | -----       |
| Eshelman Red Rose Dog & Puppy Food (224)                              | 26.75          | 23.00          | 4.68          | 4.75         | 4.12         | 4.00         | -----       |
| FOXSTAND FOODS, INC.<br>Boston, Mass.                                 |                |                |               |              |              |              | -----       |
| Swifty (652)                                                          | 10.28          | 10.00          | 1.80          | 2.00         | 1.04         | 1.00         | -----       |
| GOOD EATIN' DOG FOOD COMPANY<br>Philadelphia, Pa.                     |                |                |               |              |              |              | -----       |
| Cap'n Dog Food (619)                                                  | 9.42           | 6.50           | 3.12          | 2.00         | 0.54         | 1.50         | -----       |
| HARPER FEED MILLS, INC.<br>Washington, Pa.                            |                |                |               |              |              |              | -----       |
| Harco Rabbit Feed (541)                                               | 18.44          | 15.00          | 3.94          | 3.00         | 9.44         | 12.00        | -----       |
| KENNEL FOOD SUPPLY, INC.<br>Fairfield, Conn.                          |                |                |               |              |              |              | -----       |
| K. F. S. Special Brand Dog Food (622)                                 | 14.76          | 14.00          | 6.14          | 5.00         | 0.16         | 2.50         | -----       |
| B. F. KREADY, JR.<br>Lancaster, Pa.                                   |                |                |               |              |              |              | -----       |
| Block Beef (625)<br>Ground Beef (626)                                 | 12.48<br>19.88 | 16.00<br>16.00 | *1.57<br>4.56 | 5.00<br>5.00 | 0.11<br>0.15 | 1.50<br>1.50 | -----       |
| MARITIME MILLING COMPANY, INC.<br>Buffalo, N. Y.                      |                |                |               |              |              |              | -----       |
| B-B Complete Rabbit Feed Pellets (128)                                | 19.50          | 17.50          | 3.52          | 2.50         | 9.17         | 12.00        | -----       |
| DR. GEORGE C. MELODY, VMD<br>Greensburg, Pa.                          |                |                |               |              |              |              | -----       |
| Dr. Melody's Dog Food (613)<br>Dr. Melody's Dog Food (Granular) (614) | 9.19<br>19.44  | 7.00<br>8.00   | 1.13<br>2.04  | 1.00<br>1.00 | 0.66<br>3.68 | 1.50<br>8.00 | -----       |
| PACKER PRODUCTS COMPANY<br>Philadelphia, Pa.                          |                |                |               |              |              |              | -----       |
| Cat N' Fiddle (620)                                                   | 6.43           | 6.50           | *1.45         | 2.00         | 0.68         | 1.00         | -----       |

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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| MANUFACTURER AND BRAND NAME                                            | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |       |
|------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|-------|
|                                                                        | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |       |
| PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa. |                 |                 |                 |                 |                 |                 |             |       |
| P. F. B. Cooperative Dog Food (108)                                    | 25.75           | 24.00           | 5.10            | 4.00            | 3.26            | 5.00            | -----       |       |
| PRESTON PACKING COMPANY Mt. Pleasant, Pa.                              |                 |                 |                 |                 |                 |                 |             |       |
| Ground Horsemeat (651)                                                 | 22.37           | ----            | 1.25            | ----            | 0.14            | ----            | -----       |       |
| THE PHILADELPHIA SEED COMPANY, INC. Philadelphia, Pa.                  |                 |                 |                 |                 |                 |                 |             |       |
| Purgrein Breeding Faad (116)                                           | 15.25           | 13.50           | 2.69            | 2.50            | 3.76            | 5.00            | -----       |       |
| Purgrein Conditioning Feed (117)                                       | 16.75           | 14.00           | 2.71            | 3.00            | 4.01            | 5.00            | -----       |       |
| Purgrein Economy Special Pigeon Feed (118)                             | 12.13           | 10.00           | 3.31            | 2.00            | 2.42            | 4.00            | -----       |       |
| Purgrein Flying Feed (115)                                             | 14.81           | 13.00           | 2.86            | 3.00            | 3.30            | 5.00            | -----       |       |
| Purgrein No. 1 Pigeon Feed (109)                                       | 15.69           | 11.20           | 2.58            | 2.00            | 2.90            | 4.00            | -----       |       |
| Purgrein No. 2 Pigeon Feed (110)                                       | 13.63           | 12.30           | 3.12            | 3.00            | 2.57            | 4.00            | -----       |       |
| Purgrein No. 3 Pigeon Feed (111)                                       | 12.88           | 13.30           | 3.09            | 2.00            | 2.52            | 4.00            | -----       |       |
| Purgrein No. 4 Pigeon Feed (112)                                       | 14.50           | 12.50           | 2.91            | 2.00            | 2.82            | 4.00            | -----       |       |
| Purgrein Special Racing Feed (114)                                     | 22.63           | 18.00           | 1.50            | 1.50            | 4.42            | 4.50            | -----       |       |
| Purgrein Squab Feed (113)                                              | 12.63           | 10.50           | 3.88            | 2.50            | 2.52            | 3.50            | -----       |       |
| THE QUAKER OATS COMPANY Chicago, Ill.                                  |                 |                 |                 |                 |                 |                 |             |       |
| Kan-L-Retion Marc-Maat (615)                                           | 10.33           | 10.00           | 4.12            | 2.50            | 0.64            | 1.50            | -----       |       |
| (616)                                                                  | 16.79           | 15.00           | 8.05            | 2.00            | 0.21            | 1.00            | -----       |       |
| RIGGINS' CANNING COMPANY West Chester, Pa.                             |                 |                 |                 |                 |                 |                 |             |       |
| Riggins' Dog Food of Quality (258)                                     | 10.75           | 10.00           | 2.83            | 3.00            | 0.70            | 2.00            | -----       |       |
| J. S. RILEY & COMPANY New Castle, Pa.                                  |                 |                 |                 |                 |                 |                 |             |       |
| Tri-Blend Dog Food (470)                                               | 25.44           | 24.00           | 5.08            | 3.00            | 2.66            | 6.00            | -----       |       |
| RIVAL PACKING COMPANY Chicago, Ill.                                    |                 |                 |                 |                 |                 |                 |             |       |
| Rival Dog Food (617)                                                   | 9.81            | 10.00           | 2.84            | 2.00            | 0.64            | 1.00            | -----       |       |
| SMITHSTONE KENNEL SUPPLY COMPANY Dublin, Pa.                           |                 |                 |                 |                 |                 |                 |             |       |
| Block Horsemeat (623)                                                  | 21.22           | 18.00           | *1.93           | 5.00            | 0.18            | 0.20            | -----       |       |
| Ground Horsemeat (624)                                                 | 19.50           | 18.00           | 7.83            | 5.00            | 0.16            | 0.20            | -----       |       |
| "Inky" Dog & Cat Food (663)                                            | 19.55           | 18.00           | 10.60           | 5.00            | 0.16            | 0.02            | -----       |       |
| TIOGA MILLS, INC. Weverly, N. Y.                                       |                 |                 |                 |                 |                 |                 |             |       |
| Rabbitine (596)                                                        | 16.75           | 16.00           | 3.86            | 3.00            | 9.80            | 11.00           | -----       |       |
| UNIVERSAL CANNING COMPANY, INC. Philadelphia, Pa.                      |                 |                 |                 |                 |                 |                 |             |       |
| "Jast"                                                                 | (665)           | 10.27           | 8.00            | 1.59            | 1.50            | 0.52            | 1.00        | ----- |
| VITALITY MILLS, INC. Chicago, Ill.                                     |                 |                 |                 |                 |                 |                 |             |       |
| Vitality Brand Body Buildar Dog Food (597)                             | 25.56           | 20.00           | 5.25            | 3.00            | 4.11            | 5.00            | -----       |       |
| VITAMONT SALES COMPANY Butte, Mont.                                    |                 |                 |                 |                 |                 |                 |             |       |
| Vitamont Blue Ribbon Dog Faad (612)                                    | 11.04           | 10.00           | 7.14            | 2.00            | 0.40            | 1.00            | -----       |       |
| WILSON & COMPANY, INC. Chicago, Ill.                                   |                 |                 |                 |                 |                 |                 |             |       |
| Ideal Dog Food (618)                                                   | 10.37           | 10.00           | 3.05            | 2.00            | 0.66            | 1.00            | -----       |       |
| Averega                                                                |                 | 16.35           | ----            | 4.03            | ----            | 1.97            | ----        |       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                                                                                                                              | PROTEIN                          |                               | FAT                          |                              | FIBER                        |                                 | COMPOSITION |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------|
|                                                                                                                                                          | Found                            | Guar.                         | Found                        | Guar.                        | Found                        | Guar.                           |             |
|                                                                                                                                                          | P. ct.                           | P. ct.                        | P. ct.                       | P. ct.                       | P. ct.                       | P. ct.                          |             |
| <b>STOCK, HORSE &amp; MULE FEED</b>                                                                                                                      |                                  |                               |                              |                              |                              |                                 |             |
| ALLIED MILLS, INC.<br>Chicago, Ill.                                                                                                                      |                                  |                               |                              |                              |                              |                                 |             |
| Amco Fitting Ration (69)                                                                                                                                 | 13.13                            | 12.00                         | 4.04                         | 3.00                         | 5.73                         | 10.00                           | -----       |
| BUCK & HUNSMERGER<br>West Point, Pa.                                                                                                                     |                                  |                               |                              |                              |                              |                                 |             |
| B & H Horse Feed (329)                                                                                                                                   | 11.63                            | 10.00                         | 4.23                         | 4.00                         | 7.54                         | 7.00                            | -----       |
| COOPERATIVE G.L.F. MILLS, INC.<br>Buffalo, N. Y.                                                                                                         |                                  |                               |                              |                              |                              |                                 |             |
| G. L. F. Fitting Ration (605)<br>G. L. F. Horse Feed (606)                                                                                               | 14.06<br>12.94                   | 12.00<br>9.00                 | 4.32<br>4.09                 | 3.25<br>3.50                 | 6.52<br>5.68                 | 10.00<br>9.00                   | -----       |
| CHESTER COUNTY MILLS, INC.<br>West Chester, Pa.                                                                                                          |                                  |                               |                              |                              |                              |                                 |             |
| Heavy Grain Horse Feed (165)                                                                                                                             | 12.75                            | 10.00                         | 4.10                         | 3.00                         | 7.08                         | 8.00                            | -----       |
| JOHN W. ESHELMAN & SONS<br>Lancaster, Pa.                                                                                                                |                                  |                               |                              |                              |                              |                                 |             |
| Eshelman Red Rose Fitting Ration (216)<br>Eshelman Red Rose Horse Feed (78)<br>Eshelman Red Rose Horse Feed (219)<br>Eshelman Lancaster Horse Feed (220) | 14.25<br>10.38<br>11.25<br>10.75 | 12.00<br>9.00<br>9.00<br>9.00 | 4.97<br>4.21<br>3.89<br>3.48 | 4.00<br>3.00<br>3.00<br>2.50 | 7.51<br>8.39<br>8.17<br>9.18 | 7.00<br>10.00<br>10.00<br>11.00 | -----       |
| FLORY MILLING COMPANY, INC.<br>Bangor, Pa.                                                                                                               |                                  |                               |                              |                              |                              |                                 |             |
| Flory Superior 14% Fiting Ration (279)                                                                                                                   | 16.63                            | 14.00                         | 4.74                         | 3.00                         | 7.15                         | 10.00                           | -----       |
| W. M. GOLDEN & SON<br>Springville, Pa.                                                                                                                   |                                  |                               |                              |                              |                              |                                 |             |
| Stock Feed (442)                                                                                                                                         | 14.56                            | 15.00                         | 4.42                         | 3.50                         | 6.73                         | 12.00                           | -----       |
| JAMES H. GRAY MILLING COMPANY, INC.<br>Springville, N. Y.                                                                                                |                                  |                               |                              |                              |                              |                                 |             |
| Gramco Fitting Ration (367)                                                                                                                              | 14.56                            | 12.00                         | 4.64                         | 4.00                         | 8.36                         | 11.00                           | -----       |
| THE HERRMAN-MCLEAN COMPANY<br>Cleveland, Ohio                                                                                                            |                                  |                               |                              |                              |                              |                                 |             |
| Portage Horse & Mule Feed (655)                                                                                                                          | 9.81                             | 9.00                          | 3.57                         | 2.50                         | 4.87                         | 8.00                            | -----       |
| Kasco Mills, Inc.<br>Toledo, Ohio                                                                                                                        |                                  |                               |                              |                              |                              |                                 |             |
| Kasco 65 Horse Feed (72)                                                                                                                                 | 10.19                            | 10.00                         | 2.52                         | 2.00                         | 13.02                        | 15.00                           | -----       |
| VANDERVORT MILLS<br>Laceyville, Pa.                                                                                                                      |                                  |                               |                              |                              |                              |                                 |             |
| Vandervort's Fitting Ration (438)                                                                                                                        | 13.38                            | 12.00                         | *3.44                        | 4.00                         | *10.81                       | 8.00                            | -----       |
| WAYMART MILLING COMPANY<br>Waymart, Pa.                                                                                                                  |                                  |                               |                              |                              |                              |                                 |             |
| Way Best Fitting Ration (449)                                                                                                                            | 15.63                            | 13.00                         | 4.06                         | 4.00                         | 7.42                         | 9.00                            | -----       |
| Average                                                                                                                                                  | 12.24                            | ----                          | 4.05                         | ----                         | 7.77                         | ----                            |             |
| <b>SWINE FEED</b>                                                                                                                                        |                                  |                               |                              |                              |                              |                                 |             |
| ABERDEEN MILLS<br>Elizabethtown, Pa.                                                                                                                     |                                  |                               |                              |                              |                              |                                 |             |
| Aberdeen Pig & Hog Mash (337)                                                                                                                            | 17.00                            | 16.00                         | 4.36                         | 4.00                         | 7.55                         | 8.00                            | -----       |
| RAYMOND J. BAER<br>Waynesboro, Pa.                                                                                                                       |                                  |                               |                              |                              |                              |                                 |             |
| Baer's Hog Feed (102)                                                                                                                                    | 17.75                            | 17.00                         | 4.43                         | 4.25                         | 5.38                         | 5.00                            | -----       |
| BEST FEEDS & FARM SUPPLIES, INC.<br>Washington, Pa.                                                                                                      |                                  |                               |                              |                              |                              |                                 |             |
| Best Fe.'s Hog Feed (359)<br>Best Fe.'s Hog Feed (546)                                                                                                   | 16.13<br>16.06                   | 15.00<br>15.00                | 3.94<br>3.39                 | 3.00<br>3.00                 | 7.72<br>7.01                 | 8.00<br>8.00                    | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-444

| MANUFACTURER AND BRAND NAME                                                 |       | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |  |
|-----------------------------------------------------------------------------|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|--|
|                                                                             |       | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |  |
| GURNEY D. BRANDT<br>Lebanon, Pa.                                            |       |                 |                 |                 |                 |                 |                 |             |  |
| Independent Borough Hog Meal                                                | (296) | 16.00           | 15.00           | *3.01           | 3.50            | *6.84           | 6.00            | -----       |  |
| BUCK & HUNSBERGER<br>West Point, Pe.                                        |       |                 |                 |                 |                 |                 |                 |             |  |
| B & H Pig Feed                                                              | (331) | 16.13           | 16.00           | 3.69            | 4.00            | 5.67            | 10.00           | -----       |  |
| CHAMBERSBURG GRAIN & COAL COMPANY<br>Chambersburg, Pa.                      |       |                 |                 |                 |                 |                 |                 |             |  |
| W-D Pig Meal                                                                | (16)  | 16.38           | 16.00           | 4.14            | 3.00            | 5.09            | 10.00           | -----       |  |
| CITY FLOURING MILLS, INC.<br>Muncy, Pa.                                     |       |                 |                 |                 |                 |                 |                 |             |  |
| Muncy Hog Feed                                                              | (410) | 16.50           | 16.00           | *3.46           | 4.00            | 6.76            | 7.00            | -----       |  |
| CLARION ROLLER MILLS<br>Clarion, Pe.                                        |       |                 |                 |                 |                 |                 |                 |             |  |
| Premium Pig & Hog Feed                                                      | (232) | 15.19           | 16.00           | 4.26            | 3.50            | *9.64           | 7.50            | -----       |  |
| G. E. CONKEY COMPANY<br>Cleveland, Ohio                                     |       |                 |                 |                 |                 |                 |                 |             |  |
| Conkey's Y-O Pig & Sow Feed                                                 | (549) | 19.63           | 20.00           | 4.46            | 3.00            | 6.64            | 7.00            | -----       |  |
| COOPERATIVE C.L.F. MILLS, INC.<br>Buffalo, N. Y.                            |       |                 |                 |                 |                 |                 |                 |             |  |
| C. L. F. Hog Feed                                                           | (276) | 19.69           | 17.00           | 4.00            | 3.50            | 6.29            | 8.00            | -----       |  |
| C. L. F. Hog Feed                                                           | (509) | 19.69           | 17.00           | 4.15            | 3.50            | 5.59            | 8.00            | -----       |  |
| COLLEGEVILLE MILLS<br>Collegeville, Pa.                                     |       |                 |                 |                 |                 |                 |                 |             |  |
| Perkiomen Hog Feed                                                          | (486) | 14.69           | 12.00           | 3.79            | 3.00            | 7.70            | 7.00            | -----       |  |
| CUMBERLAND VALLEY COOPERATIVE ASSN.<br>Shippensburg, Pa.                    |       |                 |                 |                 |                 |                 |                 |             |  |
| Acorn Hog Feed                                                              | (640) | 12.56           | 12.00           | 3.02            | 3.00            | 7.71            | 12.00           | -----       |  |
| DAVIS FEED MILL<br>Rushland, Pa.                                            |       |                 |                 |                 |                 |                 |                 |             |  |
| Devis Pig Feed                                                              | (311) | 20.13           | 15.00           | 3.96            | 3.50            | *8.50           | 7.00            | -----       |  |
| EASTERN STATES FARMERS' EXCHANGE<br>INCORPORATED<br>West Springfield, Mass. |       |                 |                 |                 |                 |                 |                 |             |  |
| Hog Supplement                                                              | (420) | 40.38           | 36.00           | 6.36            | 3.00            | 6.97            | 9.50            | -----       |  |
| Pork Builder                                                                | (422) | 16.25           | 15.00           | 4.26            | 3.00            | 5.46            | 6.50            | -----       |  |
| EAST FAYETTEVILLE ELEVATOR COMPANY<br>Fayetteville, Pe.                     |       |                 |                 |                 |                 |                 |                 |             |  |
| Superior Pig Meal                                                           | (13)  | 17.38           | 18.00           | 3.84            | 2.00            | 7.07            | 7.00            | -----       |  |
| E. L. M. FEED STORE<br>Greencastle, Pe.                                     |       |                 |                 |                 |                 |                 |                 |             |  |
| E. L. M. Hog Ration                                                         | (97)  | 17.75           | 15.00           | 4.81            | 3.50            | 10.47           | 10.00           | -----       |  |
| JOHN W. ESHELMAN & SONS<br>Lancaster, Pe.                                   |       |                 |                 |                 |                 |                 |                 |             |  |
| Eshelman Red Rose Pig & Hog Meal                                            | (217) | 19.38           | 18.00           | 4.72            | 3.50            | 7.64            | 10.00           | -----       |  |
| FARMERS FEED & SUPPLY<br>Greenville, Pa.                                    |       |                 |                 |                 |                 |                 |                 |             |  |
| Quality Pig & Hog Meal                                                      | (80)  | 17.81           | 16.00           | 3.92            | 4.00            | 6.92            | 7.00            | -----       |  |
| S. FOUGHT & SON<br>Hughesville, Pe.                                         |       |                 |                 |                 |                 |                 |                 |             |  |
| Fought's Penn State Hog & Pig<br>Ration                                     | (415) | 16.69           | 17.00           | 3.64            | 3.00            | 4.58            | 6.50            | -----       |  |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

| MANUFACTURER AND BRAND NAME                               | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|-----------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                           | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| D. D. FRITCH MILLING COMPANY<br>Macungie, Pa.             |                 |                 |                 |                 |                 |                 |             |
| XXXX Pig-N-Hog Ration (385)                               | 20.06           | 17.00           | 4.00            | 3.50            | *7.86           | 7.00            | -----       |
| FREYERMUTH MILLS<br>Fredonia, Pa.                         |                 |                 |                 |                 |                 |                 |             |
| Freyermuth Quality All-in-One<br>Hog Feed (84)            | 16.88           | 15.00           | 4.11            | 3.75            | 7.11            | 6.50            | -----       |
| JAMES H. GRAY MILLING COMPANY, INC.<br>Springville, N. Y. |                 |                 |                 |                 |                 |                 |             |
| Gramco Pig Feed (373)                                     | 19.25           | 17.00           | 4.89            | 4.00            | 5.91            | 8.00            | -----       |
| HARPER FEDD MILLS, INC.<br>Washington, Pa.                |                 |                 |                 |                 |                 |                 |             |
| Harco Pig & Hog Meal (46)<br>Harco Pig & Hog Meal (537)   | *12.50<br>17.88 | 16.00<br>16.00  | 3.90<br>4.03    | 3.00<br>3.00    | 5.91<br>6.03    | 8.00<br>8.00    | -----       |
| I. L. HERR'S<br>Lebanon, Pa.                              |                 |                 |                 |                 |                 |                 |             |
| Herr's Pig & Hog Feed (295)                               | *15.06          | 17.00           | *3.35           | 4.00            | 5.55            | 7.00            | -----       |
| THE HERMAN-MCLEAN COMPANY<br>Cleveland, Ohio              |                 |                 |                 |                 |                 |                 |             |
| Sunshine Pork Maker (657)                                 | 16.56           | 15.00           | 4.68            | 3.00            | 7.85            | 8.00            | -----       |
| S. H. HIESTAND & COMPANY<br>Salunga, Pa.                  |                 |                 |                 |                 |                 |                 |             |
| Salunga Pig & Hog Ration (207)                            | 16.81           | 16.00           | 4.17            | 3.50            | 7.88            | 8.00            | -----       |
| FRED L. & JOHN E. HOMSHER<br>Strasburg, Pa.               |                 |                 |                 |                 |                 |                 |             |
| Homsner's Pig Meal (183)                                  | 19.06           | 16.00           | 4.54            | 3.50            | 6.45            | 7.50            | -----       |
| HONESDALE FLOUR & FEED COMPANY<br>Honesdale, Pa.          |                 |                 |                 |                 |                 |                 |             |
| Tru-Mix Pig Feed (451)                                    | 15.63           | 16.00           | 4.17            | 4.00            | 6.53            | 9.00            | -----       |
| HUNTSINGER'S MILL<br>Hegins, Pa.                          |                 |                 |                 |                 |                 |                 |             |
| Quality Hog Feed (251)                                    | 19.88           | 15.00           | 6.59            | 4.00            | 7.07            | 8.00            | -----       |
| KREIDER MILLS<br>Lebanon, Pa.                             |                 |                 |                 |                 |                 |                 |             |
| Kreider Mills Markitop All-In-One<br>Hog Feed (384)       | 15.81           | 15.00           | 2.93            | 3.00            | *6.94           | 5.50            | -----       |
| LEHMASTER ELEVATOR COMPANY<br>Lemasters, Pa.              |                 |                 |                 |                 |                 |                 |             |
| Parnell Pig Feed (92)                                     | 17.00           | 15.00           | 3.67            | 3.50            | 5.63            | 6.50            | -----       |
| A. F. LEIDY<br>Delphi, Pa.                                |                 |                 |                 |                 |                 |                 |             |
| Leidy's Hog Feed (492)                                    | 16.88           | 15.00           | 3.17            | 2.50            | 7.62            | 8.00            | -----       |
| LYKEN'S VALLEY ROLLER MILLS<br>Millersburg, Pa.           |                 |                 |                 |                 |                 |                 |             |
| Shiffer's Quality Pig & Hog Meal (299)                    | 15.94           | 16.00           | 3.93            | 3.00            | 7.62            | 8.50            | -----       |
| MACKEYVILLE FLOUR MILLS<br>Mackeyville, Pa.               |                 |                 |                 |                 |                 |                 |             |
| M. F. M. Pig & Hog Meal (428)                             | 14.63           | 15.00           | 2.74            | 2.50            | 6.94            | 8.00            | -----       |
| MARITIME MILLING COMPANY, INC.<br>Buffalo, N. Y.          |                 |                 |                 |                 |                 |                 |             |
| B-B Pig & Hog Feed (126)                                  | 17.81           | 15.00           | 3.82            | 3.50            | 7.61            | 7.50            | -----       |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-44

| MANUFACTURER AND BRAND NAME                                                  | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |  |
|------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|--|
|                                                                              | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |  |
| MAUSER MILLING COMPANY<br>Treichlers, Pa.                                    |                 |                 |                 |                 |                 |                 |             |  |
| Mauser's Mixed Hog Feed<br>(266)                                             | 16.50           | 16.00           | 4.58            | 3.00            | 7.90            | 8.00            | -----       |  |
| Mauser's Pig Feed<br>(396)                                                   | 15.75           | 15.00           | 4.29            | 4.00            | 3.97            | 8.00            | -----       |  |
| MCMILLEN FEED MILLS<br>Fort Wayne, Ind.                                      |                 |                 |                 |                 |                 |                 |             |  |
| Master Mix 40% Hog Concentrate<br>( 59)                                      | 38.31           | 40.00           | 5.0+            | 2.00            | 6.84            | 8.00            | -----       |  |
| G. H. MILLER<br>Sidman, Pa.                                                  |                 |                 |                 |                 |                 |                 |             |  |
| Blue Circle Pig Meal<br>(572)                                                | 19.44           | 18.00           | 3.03            | 3.00            | 8.42            | 8.00            | -----       |  |
| Supreme Pig Meal<br>(574)                                                    | *14.94          | 20.00           | *3.23           | 4.00            | 10.64           | 10.00           | -----       |  |
| MONTGOMERY-BUCKS<br>FARM BUREAU COOPERATIVE ASSN.<br>Scudertown, Pa.         |                 |                 |                 |                 |                 |                 |             |  |
| Porkmaker 40%<br>(139)                                                       | *35.25          | 40.00           | 3.88            | 3.00            | 6.10            | 7.00            | -----       |  |
| MORLOU FARMS<br>Fallsington, Pa.                                             |                 |                 |                 |                 |                 |                 |             |  |
| Morlou Farms Pig & Hog Feed<br>(502)                                         | 16.25           | 15.00           | 4.09            | 4.00            | *9.21           | 7.00            | -----       |  |
| MOYER & SON<br>Scudertown, Pa.                                               |                 |                 |                 |                 |                 |                 |             |  |
| M & S Pig Grower<br>(135)                                                    | 17.38           | 15.50           | 4.72            | 3.00            | 7.32            | 8.00            | -----       |  |
| EDGAR W. MUTH<br>Springtown, Pa.                                             |                 |                 |                 |                 |                 |                 |             |  |
| Muth's Pig Meal<br>(149)                                                     | 16.38           | 14.00           | 4.08            | 3.50            | 6.25            | 7.00            | -----       |  |
| PETERSBURG MILLING COMPANY<br>Petersburg, Ohio                               |                 |                 |                 |                 |                 |                 |             |  |
| Pemico Hog Feed<br>(474)                                                     | 18.44           | 18.00           | 3.52            | 2.50            | 6.16            | 7.00            | -----       |  |
| PINOLA ELEVATOR COMPANY<br>Shippensburg, Pa.                                 |                 |                 |                 |                 |                 |                 |             |  |
| Rowe Pig & Hog Meal<br>( 9)                                                  | 20.31           | 18.00           | 4.18            | 2.00            | 5.71            | 8.00            | -----       |  |
| PENNSYLVANIA FARM BUREAU<br>COOPERATIVE ASSOCIATION, INC.<br>Harrisburg, Pa. |                 |                 |                 |                 | *               |                 |             |  |
| P. F. B. 35% Pork Maker<br>( 87)                                             | 38.31           | 35.00           | 4.24            | 3.00            | 6.40            | 8.50            | -----       |  |
| P. F. B. 35% Pork Maker<br>(107)                                             | 37.44           | 35.00           | 4.13            | 3.00            | 7.44            | 8.50            | -----       |  |
| RED LION MILLING COMPANY<br>Red Lion, Pa.                                    |                 |                 |                 |                 |                 |                 |             |  |
| Red Lion Unexcelled All-Purpose<br>Hog Feed<br>(555)                         | 19.56           | 16.00           | 3.81            | 3.00            | 7.84            | 9.00            | -----       |  |
| REED MILLING COMPANY<br>Brookville, Pa.                                      |                 |                 |                 |                 |                 |                 |             |  |
| Triangle Pig & Hog Meal<br>(228)                                             | 22.69           | 16.00           | 5.24            | 3.00            | *10.41          | 8.00            | -----       |  |
| THE RICHARDS MILLING COMPANY<br>Cortland, Ohio                               |                 |                 |                 |                 |                 |                 |             |  |
| Blue Teg Hog Meal<br>(587)                                                   | 17.94           | 16.00           | 5.29            | 2.50            | 7.33            | 9.00            | -----       |  |
| RICHLAND FEED COMPANY<br>Richlandtown, Pa.                                   |                 |                 |                 |                 |                 |                 |             |  |
| Richland Pig Feed<br>(152)                                                   | 17.94           | 16.00           | 4.29            | 4.00            | 7.43            | 7.00            | -----       |  |
| ROUX FEED MILLS<br>Sharon, Pa.                                               |                 |                 |                 |                 |                 |                 |             |  |
| Roux Porkmaster Hog Meal<br>( 7)                                             | 19.00           | 18.00           | 3.32            | 3.00            | 7.72            | 10.00           | -----       |  |
| SACRAMENTO ROLLER MILLS<br>Sacramento, Pa.                                   |                 |                 |                 |                 |                 |                 |             |  |
| Sacromill Hog Feed<br>(255)                                                  | 16.81           | 17.00           | 4.46            | 3.00            | 7.31            | 7.00            | -----       |  |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-14

| MANUFACTURER AND BRAND NAME                       | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |
|---------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                                                   | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |
| EARL SAUDER<br>New Holland, Pa.                   |                 |                 |                 |                 |                 |                 |             |
| Sauder Pig Meal                                   | (185)           | 21.44           | 18.00           | 5.26            | 4.00            | 8.28            | 8.00        |
| SCOTLAND ELEVATOR COMPANY<br>Scotland, Pa.        |                 |                 |                 |                 |                 |                 | -----       |
| Quality Hog Feed                                  | (12)            | 14.19           | 14.90           | 3.50            | 3.50            | 8.94            | 8.94        |
| SHANK'S MILL<br>Waynesboro, Pa.                   |                 |                 |                 |                 |                 |                 |             |
| Shank's Hog Feed                                  | (98)            | 17.00           | 17.00           | 3.57            | 3.50            | *8.96           | 7.00        |
| SHELLY BROTHERS<br>Perkasie, Pa.                  |                 |                 |                 |                 |                 |                 | -----       |
| Shelly Brothers Quality Pig Feed                  | (37)            | 18.38           | 16.50           | 4.47            | 4.00            | 6.60            | 6.00        |
| SOUTH PERKASIE MILLS<br>South Perkasie, Pa.       |                 |                 |                 |                 |                 |                 | -----       |
| White Rose Pig & Hog Feed                         | (33)            | 15.06           | 16.00           | 3.29            | 2.00            | 4.13            | 7.00        |
| S & R FEED COMPANY<br>Quakertown, Pa.             |                 |                 |                 |                 |                 |                 | -----       |
| S & R Hog Feed                                    | (324)           | 15.69           | 14.00           | 3.76            | 3.00            | 6.86            | 8.00        |
| STEARN'S MILL<br>Kingsley, Pa.                    |                 |                 |                 |                 |                 |                 | -----       |
| Stearns Hog Ration                                | (456)           | 19.81           | 17.00           | 3.63            | 3.50            | 7.64            | 8.00        |
| P. O. SUNDAY<br>Carlisle, Pa.                     |                 |                 |                 |                 |                 |                 | -----       |
| Cumberland Pig Meal                               | (633)           | 14.13           | 15.00           | 4.11            | 4.50            | 4.92            | 9.00        |
| SWINGLE BROTHERS<br>Lake Ariel, Pa.               |                 |                 |                 |                 |                 |                 | -----       |
| Direct Pig Meal                                   | (434)           | 15.88           | 15.00           | 4.21            | 4.00            | 7.63            | 7.00        |
| THORPE, BAKER & COMPANY<br>Carbondale, Pa.        |                 |                 |                 |                 |                 |                 | -----       |
| Pig & Hog Feed                                    | (513)           | 18.13           | 16.00           | 4.71            | 3.00            | 8.24            | 8.00        |
| THE UBIKO MILLING COMPANY<br>Cincinnati, Ohio     |                 |                 |                 |                 |                 |                 | -----       |
| Life Guard Pig & Sow Ration                       | (550)           | 17.88           | 16.00           | 5.68            | 3.50            | *7.28           | 6.00        |
| VITALITY MILLS, INC.<br>Chicago, Ill.             |                 |                 |                 |                 |                 |                 | -----       |
| Vitality Brand Hog Grower &<br>Fattener           | (658)           | 17.38           | 16.00           | 3.88            | 3.00            | 6.76            | 8.00        |
| C. L. WALKER & SONS<br>Elizabethville, Pa.        |                 |                 |                 |                 |                 |                 | -----       |
| Walker's Pig Meal                                 | (303)           | 16.88           | 16.50           | 5.03            | 5.00            | 8.50            | 8.00        |
| YARDLEY MILL<br>J. A. CADWALLADER<br>Yardely, Pa. |                 |                 |                 |                 |                 |                 | -----       |
| Afton Pig Grower                                  | (496)           | 17.69           | 15.00           | 2.69            | 2.00            | 7.53            | 8.00        |
| F. S. YOST'S SON<br>Pleasant Valley, Pa.          |                 |                 |                 |                 |                 |                 | -----       |
| Yost's Pig Feed                                   | (155)           | 15.88           | 16.00           | 3.74            | 4.00            | 7.31            | 8.00        |
| ZECHMAN'S FLOUR MILLS<br>Pottsgrove, Pa.          |                 |                 |                 |                 |                 |                 | -----       |
| Zechman's Pork Producer                           | (235)           | 16.00           | 15.00           | 3.82            | 3.00            | 4.06            | 7.00        |
| Average                                           |                 | 18.58           | ----            | 4.09            | ----            | 7.18            | ----        |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

| MANUFACTURER AND BRAND NAME                  | PROTEIN         |                 | FAT             |                 | FIBER           |                 | COMPOSITION |  |
|----------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|--|
|                                              | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |             |  |
| <u>WHEAT OFFAL</u>                           |                 |                 |                 |                 |                 |                 |             |  |
| <u>Wheat Bran</u>                            |                 |                 |                 |                 |                 |                 |             |  |
| J. B. CURRY'S SONS<br>Palmyra, Pa.           |                 |                 |                 |                 |                 |                 |             |  |
| Wheat Bran (285)                             | 14.19           | 13.00           | 3.83            | 3.40            | 9.48            | 11.50           | -----       |  |
| KREIDER MILLS<br>Lebanon, Pa.                |                 |                 |                 |                 |                 |                 |             |  |
| Wheat Bran with Mill Run<br>Screenings (374) | 13.63           | 12.00           | 3.92            | 3.40            | 9.31            | 11.50           | -----       |  |
| SOUTH PERKASIE MILLS<br>South Parkasie, Pa.  |                 |                 |                 |                 |                 |                 |             |  |
| Pure Wheat Bran (30)                         | 13.88           | 14.00           | *3.26           | 4.00            | 8.04            | 10.00           | -----       |  |
| STANDARD MILLING COMPANY<br>Chicago, Ill.    |                 |                 |                 |                 |                 |                 |             |  |
| Red Turkey Wheat Bran (346)                  | 16.56           | 14.50           | 5.02            | 3.50            | 8.36            | 11.00           | -----       |  |
| THE WHEATENA CORPORATION<br>Highspire, Pa.   |                 |                 |                 |                 |                 |                 |             |  |
| Pure Winter Wheat Bran (333)                 | 14.00           | 12.50           | 4.29            | 3.00            | 7.80            | 13.00           | -----       |  |
| Average                                      | 14.45           | ----            | 4.06            | ----            | 10.75           | ----            |             |  |
| <u>Wheat Middlings</u>                       |                 |                 |                 |                 |                 |                 |             |  |
| J. B. CURRY'S SONS<br>Palmyra, Pa.           |                 |                 |                 |                 |                 |                 |             |  |
| Wheat Middlings (286)                        | 15.31           | 13.00           | 3.92            | 3.50            | 4.75            | 8.00            | -----       |  |
| KREIDER MILLS<br>Labanon, Pa.                |                 |                 |                 |                 |                 |                 |             |  |
| Middlings with Mill Run Screenings (375)     | 14.25           | 14.00           | 3.35            | 4.00            | 4.06            | 9.50            | -----       |  |
| SOUTH PERKASIE MILLS<br>South Parkasie, Pa.  |                 |                 |                 |                 |                 |                 |             |  |
| Pure Wheat Middlings (31)                    | 13.75           | 15.00           | *3.21           | 4.00            | 3.37            | 6.00            | -----       |  |
| THE WHEATENA CORPORATION<br>Highspire, Pa.   |                 |                 |                 |                 |                 |                 |             |  |
| Wheat Gray Shorts (332)                      | 12.81           | 13.00           | 3.11            | 3.00            | 4.18            | 8.00            | -----       |  |
| Average                                      | 11.53           | ----            | 3.40            | ----            | 4.09            | ----            |             |  |

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

| MANUFACTURER AND BRAND NAME                                          | PROTEIN         |                 |        |        | Found<br>P. ct. | Guar.<br>P. ct. | CALCIUM<br>P. ct. | IODINE<br>P. ct. | PHOSPHORUS<br>P. ct. | Found<br>P. ct. | Guar.<br>P. ct. |
|----------------------------------------------------------------------|-----------------|-----------------|--------|--------|-----------------|-----------------|-------------------|------------------|----------------------|-----------------|-----------------|
|                                                                      | Found<br>P. ct. | Guar.<br>P. ct. | P. ct. | P. ct. |                 |                 |                   |                  |                      |                 |                 |
|                                                                      |                 |                 |        |        |                 |                 |                   |                  |                      |                 |                 |
| <u>MINERAL FEED</u><br>DR. A. A. DONAHOE & SON<br>State College, Pa. |                 |                 |        |        |                 |                 |                   |                  |                      |                 |                 |
| Cal-Supplementum (432)                                               |                 |                 |        |        | 36.60           | 38.18           | 0.020             | 0.019            |                      | 0.04            | 0.055           |
| WHITMOYER LABORATORIES, INC.<br>Myerstown, Pa.                       |                 |                 |        |        |                 |                 |                   |                  | IRON                 |                 |                 |
| Tra-Min (344)                                                        | 8.44            | 3.50            | 18.65  | 18.00  | ----            | ----            |                   |                  |                      |                 |                 |